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USs
1991
Apr-Jun

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during

APRIL, MAY, JUNE 1991

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

November 1991

DIVISION OF RESEARCH GRANTS

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Director

INFORMATION SYSTEMS BRANCH

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National Institutes of Health

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

APRIL, MAY, JUNE, 1991

Department of Health and Human Services
Public Health Service

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PREPARED BY
NATIONAL INSTITUTES OF HEALTH
DIVISION OF RESEARCH GRANTS
INFORMATION SYSTEMS BRANCH

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A C T I V I T Y C O D E S

| | | | |
|-----|---|---|--|
| C06 | CANCER RESEARCH CENTER | P01 P20 P30 P40 P41 P50 P51 P60 | RESEARCH PROGRAM PROJECTS EXPLORATORY GRANTS CENTER CORE GRANTS ANIMAL RESOURCE GRANT PROGRAM (NCRR) BIOTECHNOLOGY RESOURCE GRANT PROGRAM SPECIALIZED CENTER PRIMATE RESEARCH CENTER GRANTS (NCRR) COMPREHENSIVE CENTER |
| D42 | HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT | R01 R03 R13 R15 R18 R21 R22 R24 R25 R26 R29 R35 R37 R43 R44 | RESEARCH PROJECT GRANTS--TRADITIONAL SMALL RESEARCH GRANTS CONFERENCES (TRADITIONAL) ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA) RESEARCH DEMONSTRATION & DISSEMINATION PROJECTS EXPLORATORY/DEVELOPMENTAL GRANTS U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM RESOURCE-RELATED RESEARCH PROJECTS EDUCATIONAL PROJECTS NATIONAL ORGAN SITES PROJECT (NCI) OR AWARDS FIRST INDEPENDENT RESEARCH SUPPORT & TRANSITION (FIRST) AWARD OUTSTANDING INVESTIGATOR GRANTS |
| D43 | INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY | R13 R15 R18 R21 R22 R24 R25 R26 R29 R35 R37 R43 R44 | METHOD TO EXTEND RESEARCH IN TIME (MERIT) AWARDS SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE I SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II |
| F05 | INTERNATIONAL FELLOWSHIPS (NICPS) (FIC) | S03 S06 S07 S10 S14 S15 | MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (NCRR) MINORITY BIOMEDICAL SUPPORT--MBS (NCRR) BIOMEDICAL RESEARCH SUPPORT GRANT (NCRR) BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (NCRR) MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (NCRR) |
| F06 | SENIOR INTERNATIONAL FELLOWSHIPS (FIC) | T32 T34 | SMALL INSTRUMENTATION PROGRAM |
| F15 | FOGARTY INTERNATIONAL FELLOWSHIPS (FIC) | | |
| F20 | FRENCH, SWISS, SWEDISH, POSTDOCTORAL FELLOWSHIPS | | |
| F31 | PREDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD | | |
| F32 | POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD | | |
| F33 | NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS | | |
| F34 | MARC (NRSA) FACULTY FELLOWSHIPS (NRGS) | | |
| F35 | INTRAMURAL NRSA INDIVIDUAL POSTDOCTORAL PROGRAM APPOINTEE | | |
| F36 | MARC VISITING SCIENTIST FELLOWSHIPS (NRGS) | | |
| G07 | RESOURCES IMPROVEMENT GRANT (NLM) | | |
| G08 | RESOURCES PROJECT GRANT (NLM) | | |
| G12 | RESEARCH CENTERS IN MINORITY INSTITUTIONS AWARD | | |
| G20 | GRANTS FOR REPAIR, RENOVATION, AND MODERNIZATION | | |
| K01 | RESEARCH SCIENTIST DEVELOPMENT AWARD-RESEARCH & TRAINING | | |
| K04 | MODIFIED RESEARCH CAREER DEVELOPMENT AWARD | | |
| K07 | ACADEMIC INVESTIGATOR AWARD | | |
| K08 | CLINICAL INVESTIGATOR AWARD | | |
| K10 | SPECIAL SCIENTIFIC PROJECTS (NLM) | | |
| K11 | PHYSICIAN SCIENTIST AWARD (PROGRAM) | | |
| K12 | PHYSICIAN SCIENTIST AWARD (INDIVIDUAL) | | |
| K14 | MINORITY SCHOOL FACILITY DEVELOPMENT AWARD | | |
| K16 | DENTIST SCIENTIST AWARD (PROGRAM) | | |
| M01 | GENERAL CLINICAL RESEARCH CENTERS | | |
| N01 | RESEARCH AND PROJECTS CONTRACTS | | |
| N44 | SMALL BUSINESS INNOVATION RESEARCH (SBIR)-PHASE I | U01 U10 | INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD MARC UNDERGRADUATE NSA INSTITUTIONAL GRANTS TRAINING |
| N44 | SMALL BUSINESS INNOVATION RESEARCH (SBIR)-PHASE II | | RESEARCH PROJECT (COOPERATIVE AGREEMENTS) COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS) |

ADMINISTERING ORGANIZATION CODES

| | |
|----|---|
| AG | National Institute on Aging |
| AI | National Institute of Allergy and Infectious Diseases |
| AR | National Institute of Arthritis and Musculoskeletal and Skin Diseases |
| CA | National Cancer Institute |
| CB | Division of Cancer Biology and Diagnosis |
| CM | Division of Cancer Treatment |
| CN | Division of Cancer Prevention and Control |
| CO | Office of the Director, NCI |
| CP | Division of Cancer Etiology |
| CL | Clinical Center |
| CT | Division of Computer Research and Technology |
| DC | National Institute on Deafness and Other Communication Disorders |
| DE | National Institute of Dental Research |
| DK | National Institute of Diabetes and Digestive and Kidney Diseases |
| ES | National Institute of Environmental Health Sciences |
| EY | National Eye Institute |
| GM | National Institute of General Medical Sciences |
| HD | National Institute of Child Health and Human Development |
| HG | National Center for Human Genome Research |
| HL | National Heart, Lung, and Blood Institute |
| HB | Division of Blood Diseases and Resources |
| HC | Division of Epidemiology and Clinical Applications |
| HI | Division of Intramural Research |
| HO | Office of the Director, NHLBI |
| HR | Division of Lung Diseases |
| HV | Division of Heart and Vascular Diseases |
| LM | National Library of Medicine |
| OD | Office of the Director, NIH |
| DS | Division of Safety |
| NR | National Center for Nursing Research |
| NS | National Institute of Neurological Disorders and Stroke |
| RG | Division of Research Grants |
| RR | National Center for Research Resources |
| RS | Division of Research Services |
| TW | Fogarty International Center |

GRANTS AND AWARDS ANNOUNCED DURING APRIL, MAY AND JUNE 1991

| CID | RESEARCH GRANTS* | | RESEARCH CAREER PROGRAM AWARDS | | R & D CONTRACTS | | TRAINING GRANTS | | FELLOWSHIP AWARDS | | CONSTRUCTION GRANTS | | MEDICAL LIBRARY GRANTS | |
|-----|------------------|-------------|--------------------------------|-----------|-----------------|------------|-----------------|-----------|-------------------|-----------|---------------------|-----------|------------------------|---------|
| | No. ! | Dollars | No. ! | Dollars | No. ! | Dollars | No. ! | Dollars | No. ! | Dollars | No. ! | Dollars | No. ! | Dollars |
| AG | 58 | 11,408,010 | 3 | 236,328 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AI | 152 | 20,221,749 | 1 | 89,504 | 12 | 6,566,631 | 1 | 46,143 | 6 | 155,421 | 0 | 0 | 0 | 0 |
| AR | 63 | 4,025,482 | 2 | 165,990 | 4 | 263,543 | 3 | 286,790 | 5 | 135,000 | 0 | 0 | 0 | 0 |
| CA | 193 | 26,647,255 | 9 | 693,071 | 0 | 0 | 4 | 436,852 | 17 | 404,100 | 1 | 3,237,980 | 0 | 0 |
| CL | 0 | 0 | 0 | 0 | 1 | 1,450,419 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CM | 0 | 0 | 0 | 0 | 11 | 4,160,712 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CN | 0 | 0 | 0 | 0 | 1 | 299,896 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CO | 0 | 0 | 0 | 0 | 13 | 365,614 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CP | 0 | 0 | 0 | 0 | 1 | 248,923 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DC | 30 | 3,789,071 | 2 | 144,967 | 2 | 655,673 | 2 | 156,030 | 3 | 65,900 | 0 | 0 | 0 | 0 |
| DE | 22 | 2,105,046 | 1 | 72,868 | 2 | 426,189 | 1 | 75,986 | 3 | 89,000 | 0 | 0 | 0 | 0 |
| DK | 103 | 15,197,645 | 11 | 857,307 | 1 | 80,000 | 0 | 0 | 22 | 578,970 | 0 | 0 | 0 | 0 |
| ES | 43 | 3,577,962 | 8 | 976,657 | 17 | 7,281,736 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EY | 38 | 5,347,730 | 0 | 0 | 0 | 0 | 1 | 198,509 | 11 | 279,800 | 0 | 0 | 0 | 0 |
| GM | 251 | 22,215,371 | 1 | 68,040 | 0 | 0 | 10 | 904,182 | 27 | 668,938 | 0 | 0 | 0 | 0 |
| HD | 66 | 9,894,667 | 5 | 375,005 | 18 | 6,919,434 | 3 | 277,638 | 2 | 64,672 | 0 | 0 | 0 | 0 |
| HG | 9 | 3,694,449 | 0 | 0 | 0 | 0 | 1 | 50,174 | 1 | 32,500 | 0 | 0 | 0 | 0 |
| HI | 0 | 0 | 0 | 1 | 99,919 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HL | 177 | 20,041,734 | 23 | 1,799,891 | 0 | 0 | 4 | 466,739 | 32 | 901,600 | 0 | 0 | 0 | 0 |
| LM | 5 | 1,064,091 | 1 | 32,426 | 28 | 9,017,850 | 0 | 0 | 2 | 50,300 | 0 | 0 | 8 | 420,789 |
| NR | 17 | 2,128,557 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 166,400 | 0 | 0 | 0 | 0 |
| NS | 72 | 7,250,282 | 6 | 454,248 | 12 | 751,433 | 0 | 0 | 18 | 457,600 | 0 | 0 | 0 | 0 |
| OD | 0 | 0 | 0 | 1 | 157,159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RR | 83 | 17,246,867 | 0 | 0 | 1 | 2,001,000 | 0 | 0 | 0 | 0 | 7 | 2,357,543 | 0 | 0 |
| TW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 1,549,865 | 0 | 0 | 0 | 0 |
| | 1,382 | 175,855,968 | 73 | 5,966,302 | 126 | 40,746,131 | 30 | 2,899,043 | 218 | 5,600,066 | 8 | 5,595,523 | 8 | 420,789 |

*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

| | | |
|--|------------------------|--------|
| ALABAMA | | |
| ALAXANDER CITY | | |
| INDIVIDUAL AWARD--HARRELL, WILLIAM E JR. | | |
| 1R43 DE09619-01A1 | HARRELL, WILLIAM E, JR | |
| INSTITUTION TOTAL | 1 | 49,525 |
| CITY TOTAL | 1 | 49,525 |

| | | |
|-------------------|-----------------------------|---------|
| AUBURN | AUBURN UNIVERSITY AT AUBURN | |
| 1S15 AR41233-01 | GLADDEN, L BRUCE | |
| 1R15 AR40913-01 | KINCAID, STEVEN A | |
| 1R15 AI31211-01 | PRICE, STUART B | |
| 1R15 AI31180-01 | WRIGHT, JAMES C | |
| INSTITUTION TOTAL | 4 | 290,871 |
| CITY TOTAL | 4 | 290,871 |

| | | |
|-------------------|-----------------------------|--------|
| BIRMINGHAM | SOUTHERN RESEARCH INSTITUTE | |
| 1S15 CA56019-01 | PARKER, WILLIAM B | |
| INSTITUTION TOTAL | 1 | 17,373 |

| | | |
|---|-----------------------|-----------|
| UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM | | |
| 1S10 RR06641-01 | BAKER, JOHN R | |
| 1S15 CA55999-01 | BLAINNEY, KEITH D | |
| 1R01 AI30105-01A1 | BRITT, WILLIAM J | |
| 1R01 DE09082-01A2 | CAUFIELD, PAGE W | |
| 1P01 AI28780-01A1 | GREENE, BRUCE M | |
| 1R29 AI31816-01 | KAPPES, JOHN C | |
| 1R01 DK43974-01 | KIRK, KEVIN L | |
| 1R01 DK43652-01 | KUDLOW, JEFFREY E | |
| 1S15 AI32202-01 | LAMARTINIÈRE, CORAL A | |
| 1R13 AI31040-01 | WHITLEY, RICHARD J | |
| INSTITUTION TOTAL | 10 | 1,403,896 |
| CITY TOTAL | 11 | 1,421,269 |

| | | |
|-------------------|-----------------------------|---------|
| MOBILE | UNIVERSITY OF SOUTH ALABAMA | |
| 1R01 GM46453-01 | BALCZON, RONALD D | |
| INSTITUTION TOTAL | 1 | 117,601 |

| | | |
|---|-----------------------------|---------|
| AUBURN | SMALL INSTRUMENTATION GRANT | |
| HYALURONIC ACID/TGF-B COMPOSITE TO TREAT OSTEOARTHRITIS | | 5,000 |
| ANALYSIS OF THE PH 6 ANTIGEN OF YERSINIA PESTIS | | 95,564 |
| TRANSMISSION AND DIAGNOSIS OF CANINE LYME DISEASE | | 105,903 |
| INSTITUTION TOTAL | 4 | 84,404 |
| CITY TOTAL | 4 | |

| | | |
|-----------------------------|-----------------------------|--------|
| BIRMINGHAM | SMALL INSTRUMENTATION GRANT | |
| SOUTHERN RESEARCH INSTITUTE | | 17,373 |
| PARKER, WILLIAM B | | |

| | | |
|---|--|---------|
| UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM | | |
| PROTEIN/PEPTIDE SEQUENCER AND SYNTHESIZER | | 178,000 |
| SMALL INSTRUMENTATION GRANT | | 7,572 |
| ANTIBODY RECOGNITION OF CYTOMEGALOVIRUS GLYCOPROTEINS | | 106,438 |
| TRANSPOSITIONAL MUTAGENESIS AND MUTACINS IN S MUTANS | | 143,844 |
| MOLECULAR PARASITOLOGY AND PARASITIC DISEASE | | 498,455 |
| FUNCTIONAL ANALYSIS OF THE HIV-2 VPF AND VPR GENES | | 94,807 |
| VESICLE TRAFFICKING AND CL-TRANSPORT IN CF CELLS | | 117,565 |
| GROWTH FACTOR INVOLVEMENT IN PITUITARY FUNCTION | | 230,976 |
| SMALL INSTRUMENTATION GRANT | | 9,239 |
| FOURTH INTERNATIONAL CONFERENCE ON ANTIVIRAL RESEARCH | | 17,000 |

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| | | | |
|--|---------------------------------------|--|------------------|
| ALABAMA MOBILE UNIVERSITY OF SOUTH ALABAMA 1S15 HL47758-01 1R15 NS28502-01A1 | COGGIN, JOSEPH H, JR WALL, JAMES C | SMALL INSTRUMENTATION GRANT A SWAY PLATFORM TO ASSESS AND TREAT STROKE PATIENTS | 36,247 91,189 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 245,037 245,037 | |
| MONTGOMERY ALABAMA STATE UNIVERSITY 1R15 AI31205-01 | SINGH, SHIVA P | IMMUNOPROTECTIVE POTENTIAL OF PORINS AND ANTI-PORIN MABS | 93,644 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 93,644 93,644 | |
| TUSCALOOSA UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA 1S15 GM47066-01 | NEVILLE, JAMES A | SMALL INSTRUMENTATION GRANT | 6,013 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 6,013 6,013 | |
| STATE TOTAL | 21 | 2,106,359 | |
| ARIZONA FLAGSTAFF NORTHERN ARIZONA UNIVERSITY 1S15 HL47771-01 | LINDSTEDT, STAN L | SMALL INSTRUMENTATION GRANT | 5,000 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 5,000 5,000 | |
| PHOENIX IATROMED, INC. 1R43 AR40673-01A1 | MAGEE, FRANK P | ELECTROMAGNETIC STIMULATION OF CARTILAGE TISSUE | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 50,000 50,000 | |
| ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER 1S15 CA56003-01 | SHAPIRO, JOAN R | SMALL INSTRUMENTATION GRANT | 13,521 |
| INSTITUTION TOTAL | 1 | 13,521 | |

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| CITY TOTAL | 2 | 63,521 |
|------------|---|--------|
|------------|---|--------|

| | | |
|---|---|-------|
| ARIZONA SCOTTSDALE SOUTHWEST BIOMEDICAL RESEARCH INSTITUTE 1S15 CA56022-01 | | 5,000 |
| INSTITUTION TOTAL | 1 | |
| CITY TOTAL | 1 | 5,000 |

| | | |
|--|---|---------|
| SUN CITY SUN HEALTH CORPORATION--INSTITUTE FOR BIOGERONTOLOGY RESEARCH 1R01 AG08374-01A2 | | 155,289 |
| ROGERS, JOSEPH | | 155,289 |
| INSTITUTION TOTAL | 1 | |
| CITY TOTAL | 1 | 155,289 |

| | | |
|--|--|--------------------|
| TEMPE ARIZONA STATE UNIVERSITY 1S15 HL47747-01 1R01 HD28796-01 1R29 GM45902-01 | BIEBER, ALLAN L FABRICIUS, WILLIAM V WILLIAMS, JOANN C | 209,382 209,382 |
| INSTITUTION TOTAL | 1 | |
| CITY TOTAL | 1 | 209,382 |

| | | |
|---|--|--------------|
| TUCSON UNIVERSITY OF ARIZONA 1R01 AG09219-01A1 1S15 NS30131-01 1R01 CA48939-01A2 1S15 ES05839-01 1R29 AG09214-01A1 1R13 CA54767-01 | BARNES, CAROL A GEOFRIION, CHARLES A HYNNEN, KULLERO H MC QUEEN, CHARLENE A RANCE, NAOMI E TRENT, JEFFREY M | 524,902 6 |
| WESTERN RESEARCH COMPANY, INC. 1R43 AG09910-01 | CRAINE, BRIAN L | 49,877 |
| INSTITUTION TOTAL | 1 | |
| CITY TOTAL | 1 | 49,877 |

ANTIBODY BASED ASSAY FOR QUINOLIC ACID

49,877

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

STATE TOTAL 15 1,012,971

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------|---|-----------------|
| ARKANSAS | | | |
| LITTLE ROCK | | | |
| UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK | | SMALL INSTRUMENTATION GRANT | 35,329 |
| 1S15 ES05832-01 | BARNETT, JOHN B | ESTROGEN-INDUCED NORMAL AND DYSPLASTIC UTERINE GROWTH | 45,720 |
| 1R03 HD28074-01 | HENDRY, WILLIAM J, III | ROLE OF CALCIUM IN ENDOTOXIN-INDUCED TUBULE CELL INJURY | 82,367 |
| 1R29 DK44716-01 | MAYEUX, PHILIP R | CHRONOBIOLOGY AND GASTROINTESTINAL ENDOCRINOLOGY | 156,998 |
| 1R01 DK43746-01 | RAYFORD, PHILLIP L | | |
| INSTITUTION TOTAL | 4 | 320,414 | |
| CITY TOTAL | 4 | 320,414 | |
| STATE TOTAL | 4 | 320,414 | |
| CALIFORNIA | | | |
| BELMONT | | | |
| NORTHERN CALIFORNIA CANCER CENTER | | SMALL INSTRUMENTATION GRANT | 7,096 |
| 1S15 CA56031-01 | WEST, DEE W | | |
| INSTITUTION TOTAL | 1 | 1 | |
| CITY TOTAL | 1 | 1 | |
| BERKELEY | | | |
| UNIVERSITY OF CALIFORNIA AT BERKELEY | | MYOPIA DEVELOPMENT IN CHILDREN | 641,588 |
| 1R01 EY08893-01A1 | ADAMS, ANTHONY J | PROTEIN-PROTEIN INTERACTIONS IN MEMBRANE RECEPTORS | 53,314 |
| 1R01 DK43747-01 | AMES, GIOVANNA F | DOUBLE FOCUSING MASS SPECTROMETER/UPGRADED DATA SYSTEM | 400,000 |
| 1S10 RR06286-01 | BERGMAN, ROBERT G | SMALL INSTRUMENTATION GRANT | 41,366 |
| 1S15 HL47751-01 | BISSELL, MINA J | REGULATION OF PHF AND FLUID FLUX IN CORNEAL ENDOTHELIUM | 159,656 |
| 1R01 EY08834-01A1 | BONANNO, JOSEPH A | ROLE OF MAP KINASE IN THE CELL CYCLE | 131,907 |
| 1R01 GM46383-01 | FERRELL, JAMES E | PSYCHOLOGICAL AND NEURAL MECHANISMS OF TIMING | 102,846 |
| 1R29 NS30256-01 | IVRY, RICHARD | MAPPING A GENE FOR DEAFNESS IN A LARGE KINDRED | 215,096 |
| 1R01 DC01076-01 | KING, MARY C | SMALL INSTRUMENTATION GRANT | 16,689 |
| 1S15 ES05842-01 | LASHOF, JOYCE C | | |
| INSTITUTION TOTAL | 9 | 1,762,462 | |
| CITY TOTAL | 9 | 1,762,462 | |
| CLAREMONT | | | |
| CLAREMONT UNIVERSITY CENTER SYSTEM--HARVEY MUDD COLLEGE | | LANTHANIDE BINDING TO CHLOROPLAST THYLAKOID MEMBRANES | 104,417 |
| 1R15 GM46090-01 | KARUKSTIS, KERRY K | | |
| INSTITUTION TOTAL | 1 | 104,417 | |

NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | CITY TOTAL | INSTITUTION TOTAL |
|--------------|------------------------|------------|-------------------|
| | | 1 | 104,417 |

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| | | | |
|--|--|---------|---------|
| CALIFORNIA DAVIS | UNIVERSITY OF CALIFORNIA AT DAVIS | | |
| | 1R01 HL44485-01A1 CURRY, FITZ-ROY E | 287,938 | |
| | 1R29 DK42274-01A2 GIETZEN, DOROTHY W | 84,605 | |
| | 1R01 DK43684-01 KLIONSKY, DANIEL J | 117,226 | |
| | 1S15 HL47780-01 KURTH, MARK J | 43,747 | |
| | 1R01 DK43850-01 LONNERDAL, BO | 167,990 | |
| | 1S15 ES05841-01 MURPHY, FREDERICK A | 25,852 | |
| | 1R01 DK42146-01A1 NISSENSON, ROBERT M | 60,594 | |
| | 1R01 GM46376-01 SCHOLEY, JONATHAN M | 147,962 | |
| | INSTITUTION TOTAL | 8 | 935,594 |
| DOWNEY LOS ANGELES COUNTY | CITY TOTAL | 8 | 935,594 |
| | HEALTH SERVICES DEPARTMENT--RANCHO LOS AMIGOS MEDICAL CENTER | | |
| | 1R01 AR41018-01 PERRY, JACQUELINE | 154,844 | |
| | 1S15 AR41234-01 PERRY, JACQUELINE | 5,000 | |
| | INSTITUTION TOTAL | 2 | 159,844 |
| | CITY TOTAL | 2 | 159,844 |
| | DUARTE | | |
| | CITY OF HOPE NATIONAL MEDICAL CENTER | | |
| | 1S15 AI32176-01 COMINGS, DAVID E | 17,640 | |
| | 1R29 CA50341-01A2 WEISS, LAWRENCE M | 93,753 | |
| FRESNO CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT FRESNO | INSTITUTION TOTAL | 2 | 111,393 |
| | CITY TOTAL | 2 | 111,393 |
| | KOVACS, SHIRLEY A | | |
| | 1R15 AI27975-01A2 | 96,597 | |
| | INSTITUTION TOTAL | 1 | 96,597 |
| | CITY TOTAL | 1 | 96,597 |
| | CHARACTERIZATION OF RHEUMATOID ANTIGENS IN CYANOBACTERIA | | |
| | | | 96,597 |
| | | | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|---|--|
| CALIFORNIA FULLERTON CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT FULLERTON 1R15 NS29570-01 ONO, JOYCE K | | EXPRESSION OF NEUROTRANSMITTER RECEPTORS | 86,828 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 86,828 86,828 | |
| IRVINE J. DAVID GLADSTONE 1S15 HL47699-01 | FOUNDATION FOR CARDIOVASCULAR DISEASE TAYLOR, JOHN M | SMALL INSTRUMENTATION GRANT | 10,501 |
| INSTITUTION TOTAL | 1 | 10,501 | |
| UNIVERSITY OF CALIFORNIA AT IRVINE 1P01 GM42397-01A2 1R01 DE10066-01 1S10 RR06541-01 1S15 NS30110-01 1R13 EY09132-01 1R01 NS29425-01 1R01 AI30499-01A1 1S10 RR06735-01 | AYALA, FRANCISCO J BRONNER-FRASER, MARIANNE BRYANT, PETER J FAN, HUNG Y HALL, JAMES E LIPKIN, WALTER I PETERSON, ELLEN A SHEA, KENNETH J | EVOLUTIONARY GENETICS OF A MODEL SYSTEM CELL ADHESION MOLECULES IN NEURAL CREST ONTOGENY INTERACTIVE THREE-DIMENSIONAL GRAPHICS COMPUTER SYSTEM SMALL INSTRUMENTATION GRANT INTERNATIONAL CONFERENCE ON GAP JUNCTION MOLECULAR ANALYSIS OF A NEUROTROPIC AGENT, BORNA VIRUS NEUTRALIZING EPITOPE OF CHLAMYDIA TRACHOMATIS ESR SPECTROMETER | 424,183 151,748 69,000 46,529 5,800 109,149 166,655 224,000 |
| INSTITUTION TOTAL CITY TOTAL | 8 9 | 1,197,064 1,207,565 | |
| LIVERMORE UNIVERSITY OF CALIFORNIA-LAWRENCE LIVERMORE NATIONAL LABORATORY 1R01 CA52679-01A1 | WEBER, CHRISTINE A | GENETIC ANALYSIS OF NUCLEOTIDE EXCISION REPAIR | 273,404 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 273,404 273,404 | |
| LOMA LINDA LOMA LINDA UNIVERSITY 1S15 HL47689-01 | BEHRENS, B LYNN | SMALL INSTRUMENTATION GRANT | 13,757 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 13,757 13,757 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|---|---|
| CALIFORNIA LONG BEACH CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LONG BEACH 1S15 GM47044-01 | JENSEN, JAMES L | | 5,000 |
| INSTITUTION TOTAL | 1 | | 5,000 |
| CITY TOTAL | 1 | | 5,000 |
| LOS ANGELES CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LOS ANGELES 1R15 AR39905-01A2 1R15 GM46086-01 | BOWERS, ROGER R GUTIERREZ, CARLOS G | MODEL FOR VITILIGO ENTEROBACTIN DERIVATIVES: BUILDING A BETTER FERRIC TRAP | 101,355 101,355 |
| INSTITUTION TOTAL | 2 | | 202,710 |
| CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT NORTHridge 1R15 DK41460-01A2 | JEWETT, SANDRA L | OXIDATION OF SUPEROXIDE DISMUTASE: ROLE IN RED CELL AGING | 99,365 |
| INSTITUTION TOTAL | 1 | | 99,365 |
| CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LOS ANGELES 1R15 AI31191-01 | MCQUEEN, NANCY L | CLONING EXPRESSION AND TRANSPORT STUDIES OF SENDAI VIRUS | 101,310 |
| INSTITUTION TOTAL | 1 | | 101,310 |
| CEDARS-SINAI MEDICAL CENTER 1P01 DK42792-01A1 | MELMED, SHLOMO | ENDOCRINE ASPECTS OF HUMAN NEOPLASIA | 628,872 |
| INSTITUTION TOTAL | 1 | | 628,872 |
| CHILDREN'S HOSPITAL OF LOS ANGELES 1S15 CA56026-01 1R01 CA54436-01 | DUKES, PETER P SHACKLEFORD, GREGORY M | SMALL INSTRUMENTATION GRANT INT-1 PROTO-ONCOGENE FAMILY | 29,412 166,224 |
| INSTITUTION TOTAL | 2 | | 195,636 |
| UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1S15 CA55919-01 1R01 GM46424-01 1R01 CA54551-01 1R01 HD27351-01A1 1R01 HD27700-01A1 1R01 NS29220-01 1S15 NS30116-01 | AFIFI, ABDELMONEM A CAREY, MICHAEL F CHEN, IRVIN S COHEN, SARALE E DE ROBERTIS, EDWARD M DE VELLIS, JEAN FREEDMAN, DANIEL X | SMALL INSTRUMENTATION GRANT TRANSCRIPTIONAL ACTIVATION BY GAL4 DERIVATIVES HTLV PATHOGENESIS IN VIVO BIOSOCIAL DEVELOPMENT--PRETERM BIRTH TO 18 YEARS XENOPUS EGG LIGAND-ACTIVATED TRANSCRIPTION FACTORS EARLY RESPONSE GENE EXPRESSION IN GLIAL CELL DEVELOPMENT SMALL INSTRUMENTATION GRANT | 12,698 179,162 133,734 154,163 172,189 126,418 48,699 |

NIH RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL
PRINCIPAL INVESTIGATOR
GRANT NUMBER

**DOLLARS
AWARDED**

| | | | |
|-----------------------------------|--|---------------------|---------|
| CALIFORNIA LOS ANGELES | UNIVERSITY OF CALIFORNIA AT LOS ANGELES | HARTENSTEIN, VOLKER | 140,363 |
| 1R01 NS29367-01 | JUNG, MICHAEL E | 400,000 | |
| 1S10 RR06713-01 | MACKAY, DON G | 107,412 | |
| 1R01 AG09755-01 | MARKOLF, KEITH L | 197,936 | |
| 1R01 AR40330-01A2 | MILLER, JEFFERY F | 88,271 | |
| 1R29 AI31548-01 | OPPENHEIMER, VALERIE K | 96,662 | |
| 1R01 HD27955-01 | REGULATION OF TDT EXPRESSION DURING LYMPHOPOIESIS | 47,104 | |
| 1R29 DK43726-01 | IBD: ROLE OF ANTINEUTROPHIL CYTOPLASMIC ANTIBODIES | 143,522 | |
| 1R01 DK43026-01A1 | ROLE OF THE ABL ONCOGENE IN MURINE AND HUMAN LEUKEMIAS | 356,270 | |
| 1R35 CA53867-01 | TREPONEMAL INTERACTIONS WITH EPITHELIAL CELL MONOLAYERS | 22,200 | |
| INSTITUTION TOTAL | | 2,426,803 | |
| 17 | | | |
| UNIVERSITY OF SOUTHERN CALIFORNIA | IMMUNOREGULATORY ROLE OF GAMMA DELTA T CELLS IN TB | 225,660 | |
| 1R22 AI31066-01 | DOPAMINERGIC AND BASAL PLASTICITY IN AGING | 689,927 | |
| 1P01 AG09793-01 | SMALL INSTRUMENTATION GRANT | 37,065 | |
| 1S15 NS30134-01 | ENDOTHELIAL PHOSPHOLIPASE A2 IN OXIDANT MEMBRANE INJURY | 194,874 | |
| 1R01 HL45206-01A1 | CRANIOFACIAL SKELETON-OSTEOBLASTIC GENE EXPRESSION | 148,384 | |
| 1R01 DE10131-01 | | | |
| INSTITUTION TOTAL | 5 | 1,295,910 | |
| CITY TOTAL | 29 | 4,950,606 | |
| MENLO PARK | | | |
| LANDDEC LABS | SCHMITT, EDWARD E | 49,990 | |
| 1R43 GM46156-01 | | | |
| INSTITUTION TOTAL | 1 | 49,990 | |
| SRI INTERNATIONAL | | | |
| 1P01 CA51993-01A1 | DAWSON, MARCIA I | 977,157 | |
| 1R29 GM46563-01 | WINEGAR, RICHARD A | 174,634 | |
| INSTITUTION TOTAL | 2 | 1,151,791 | |
| CITY TOTAL | 3 | 1,201,781 | |
| MOUNTAIN VIEW | | | |
| CALIFORNIA BIOTECHNOLOGY, INC. | RECEPTOR SELECTIVE CANCER CHEMOPREVENTIVE RETINOIDS | 50,000 | |
| 1R63 GM46166-01 | DNA DOUBLE STRAND BREAK INDUCED DAMAGE AND REPAIR | 50,000 | |
| 1R43 DK44046-01 | WOUND REPAIR WITH HEPARIN-BINDING EGF-LIKE GROWTH FACTOR | 50,000 | |
| | ISOLATION OF INSULIN RECEPTOR PHOSPHATASES | 50,000 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------|---|-----------------|
| CALIFORNIA MOUNTAIN VIEW GENPHARM INTERNATIONAL, INC. | | | |
| 1R43 AI30289-01A1 | HUANG, MANLEY T | TRANSGENIC APPROACH TO SUPERIOR IMMUNODEFICIENT MICE | 49,972 |
| INSTITUTION TOTAL | 1 | | 49,972 |
| CITY TOTAL | 3 | | 149,972 |
| OAKLAND AERON BIOTECHNOLOGY, INC. | ZAVA, DAVID T | IN VITRO BIOASSAY FOR ESTROGENS AND ANTIESTROGENS | 50,000 |
| 1R43 HD27738-01 | | | |
| INSTITUTION TOTAL | 1 | | 50,000 |
| CHILDREN'S HOSPITAL MEDICAL CENTER OF NORTHERN CALIFORNIA | SHACKLETON, CEDRIC H | ELECTROSPRAY HPLC/MS | 388,000 |
| 1S10 RR06505-01 | | | |
| INSTITUTION TOTAL | 1 | | 388,000 |
| KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE | LAIRSON, PAUL D | SMALL INSTRUMENTATION GRANT | 23,072 |
| 1S15 HL47715-01 | | | |
| INSTITUTION TOTAL | 1 | | 23,072 |
| CITY TOTAL | 3 | | 461,072 |
| PALO ALTO PALO ALTO MEDICAL FOUNDATION RESEARCH INSTITUTE | COOPER, ALLEN D | SMALL INSTRUMENTATION GRANT | 11,714 |
| 1S15 AI32186-01 | | | |
| INSTITUTION TOTAL | 1 | | 11,714 |
| CITY TOTAL | 1 | | 11,714 |
| PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY | DAVIDSON, NORMAN R | SMALL INSTRUMENTATION GRANT | 52,427 |
| 1S15 NS30130-01 | GRAY, HARRY B | LASER SPECTROSCOPY LABORATORY | 400,000 |
| 1S10 RR06413-01 | LIVE, DAVID H | 3-DIMENSIONAL NMR OF DIHYDROFLAVELATE REDUCTASE | 39,184 |
| 1R03 DK44666-01 | VAN ESSEN, DAVID C | CONFOCAL MICROSCOPE AND 3-D GRAPHICS WORKSTATION | 139,000 |
| 1S10 RR06509-01 | | | |
| INSTITUTION TOTAL | 4 | | 630,611 |
| NANO TECH SERVICES | LAWTON, TERI A | LOW VISION AID FOR OBSERVERS WITH CENTRAL VISION LOSSES | 50,000 |
| 1R43 EY09166-01 | | | |
| INSTITUTION TOTAL | 1 | | 50,000 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|------------------------|--|-----------------|
| CITY TOTAL | 5 | 680,611 | |
| CALIFORNIA POMONA CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE POLYTECHNIC U AT POMONA 1R15 AR39893-01A2 HOYT, DONALD F | | | 106,486 |
| INSTITUTION TOTAL | 1 | | 106,486 |
| CITY TOTAL | | | 106,486 |
| RANCHO CORDOVA NIMBUS, INC 1R43 HL46602-01 | BUTLER, KENNETH C | FLOATING ROTOR AXIAL FLOW BLOOD PUMP | 49,996 |
| INSTITUTION TOTAL | 1 | | 49,996 |
| CITY TOTAL | | | 49,996 |
| RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1S15 AR41242-01 | NORMAN, ANTHONY W | SMALL INSTRUMENTATION GRANT | 11,200 |
| INSTITUTION TOTAL | 1 | | 11,200 |
| CITY TOTAL | | | 11,200 |
| SAN DIEGO AGOURON INSTITUTE 1R01 AI30880-01A2 | CHIN, DANIEL J | OPTIMAL NUCLEAR TARGETS OF ANTI-HIV OLIGOS | 181,944 |
| 1S15 AI32210-01 | WORLAND, STEPHEN T | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL | 2 | | 186,944 |
| BIOSYM TECHNOLOGIES, INC. 1R43 GM46614-01 | MEIROVITCH, EVA | SCIENTIFIC TESTING OF NMR STRUCTURE DETERMINATION SCHEME | 49,963 |
| INSTITUTION TOTAL | 1 | | 49,963 |
| CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY 1R29 AR40423-01A1 | CRONAN, THEREASA A | | 102,188 |
| 1R01 AG10327-01 | YU, ELENA S H | SOCIAL SUPPORT AND HEALTH CARE USE IN OSTEOARTHRITIS ALZHEIMER'S DISEASE AND DEMENTIA IN CHINA | 178,515 |
| INSTITUTION TOTAL | 2 | | 280,703 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|---|---|--|
| CALIFORNIA SAN DIEGO CORVAS, INC. 1R43 HL46584-01 | RIPKA, WILLIAM C 1 | NOVEL PEPTIDE BORONIC ACID INHIBITORS OF COAGULATION | 50,000 |
| INSTITUTION TOTAL | 50,000 | | |
| IDEA PHARMACEUTICALS CORPORATION 1R43 CA51568-01A1 | RAYCHAUDHURI, SYAMAL | ANTI-T CELL RECEPTOR ANTIBODIES FOR CANCER IMMUNOTHERAPY | 50,000 |
| INSTITUTION TOTAL | 50,000 | | |
| LA JOLLA CANCER RESEARCH FOUNDATION 1R01 CA55008-01 1S15 CA55922-01 | DER, CHANNING J RUOSLAHTI, ERKKI I | FUNCTION OF RAS ONCOGENE PROTEIN RELATED RAB PROTEINS SMALL INSTRUMENTATION GRANT | 202,135 40,778 |
| INSTITUTION TOTAL | 2 | | |
| LA JOLLA INSTITUTE FOR EXPERIMENTAL MEDICINE 1R01 AI31591-01 | GREEN, DOUGLAS R | ACTIVATION-INDUCED APOPTOSIS IN T CELL DEVELOPMENT | 168,656 |
| INSTITUTION TOTAL | 1 | | |
| MEDICAL BIOLOGY INSTITUTE 1R01 AI31524-01 1S15 AI32169-01 | MESCHER, MATTHEW F MOSIER, DONALD E | MOLECULAR MECHANISMS OF MHC CLASS I ANTIGENrecognition SMALL INSTRUMENTATION GRANT | 206,798 25,043 |
| INSTITUTION TOTAL | 2 | | |
| POINT LOMA NAZARENE COLLEGE 1R15 ES05671-01 | HEASLEY, VICTOR L | HALOGENATION OF COMPOUNDS RELATED TO WATER CONTAMINATION | 79,396 |
| INSTITUTION TOTAL | 1 | | |
| SALK INSTITUTE FOR BIOLOGICAL STUDIES 1R13 HG00518-01 1R29 EY08686-01A1 1R01 DK44838-01 1R01 NS29561-01 1S15 GM47082-01 1P01 CA54418-01 | EVANS, GLEN A GRAY, CHARLES M MELLON, PAMELA L NEVILLE, HELEN J TROWBRIDGE, IAN S VERMA, INDER M | SECOND INTERNATIONAL WORKSHOP ON CHROMOSOME 11 NEURONAL MECHANISMS OF VISUAL INTEGRATION NEUROSECRETORY GENE EXPRESSION IN THE HYPOTHALAMUS NEUROBIOLOGY OF LANGUAGE ACQUISITION SMALL INSTRUMENTATION GRANT TRANSCRIPTIONAL REGULATION OF CELL GROWTH | 37,640 114,072 188,491 138,314 63,982 1,001,104 |
| INSTITUTION TOTAL | 6 | 1,543,603 | |
| SAN DIEGO REGIONAL CANCER CENTER 1R13 CA55284-01 | ROYSTON, IVOR | CONF ON MONOCLONAL ANTIBODY IMMUNOCOJUGATES FOR CANCER | 4,000 |
| INSTITUTION TOTAL | 1 | | |

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | DOLLARS AWARDED |
|--|--|------------------|
| CALIFORNIA | | |
| SAN DIEGO SCRIPPS CLINIC AND RESEARCH FOUNDATION | | |
| 1R01 CA55276-01 | BOGER, DALE L | 165,155 |
| 1R01 GM44428-01A2 | BOKOCH, GARY M | 153,033 |
| 1R01 CA54560-01 | CHISARI, FRANCIS V | 225,647 |
| 1R01 HD27167-01A1 | DYER, CHERYL A | 149,715 |
| 1R01 GM43238-01A2 | DYSON, HELEN J | 127,787 |
| 1S15 HL47777-01 | LERNER, RICHARD A | 82,241 |
| 1R01 AI30070-01A1 | MCLAUCHLAN, ALAN | 229,224 |
| 1R01 GM43278-01A1 | NOODLEMAN, LOUIS | 101,992 |
| 1R01 GM46411-01 | PETERSON, PER A | 165,317 |
| 1R01 GM47214-01 | SCHWARTZ, MARTIN A | 152,963 |
| 1R01 GM46312-01 | TAINER, JOHN A | 297,505 |
| 1R01 GM47157-01 | TAKADA, YOSHIKAZU | 185,741 |
| 1R01 CA52539-01A1 | THEOFILOPOULOS, ARGYRIOS N | 219,777 |
| 1R29 GM46572-01 | YE, RICHARD D | 109,840 |
| INSTITUTION TOTAL | 14 | 2,365,937 |
| SIBIA, INC. | SAID-NEJAD, ODILE | 39,695 |
| 1R43 HL46629-01 | DESIGN OF SUICIDE INHIBITORS FOR ENKEPHALINASE | |
| INSTITUTION TOTAL | 1 | 39,695 |
| STRATAGENE CLONING SYSTEMS | | |
| 1R43 GM46585-01 | SHORT, JAY M | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 |
| UNIVERSITY OF CALIFORNIA AT SAN DIEGO | | |
| 1S15 HL47773-01 | ATTIYEH, RICHARD A | 58,366 |
| 1P01 DC01289-01 | BATES, ELIZABETH A | 706,735 |
| 1R29 CA54892-01 | CARRERA, CARLOS J | 70,110 |
| 1R01 HL45069-01A1 | CHIEN, KENNETH R | 185,992 |
| 1R01 CA55331-01 | DAVIES, RICHARD J | 169,872 |
| 1R01 AG09411-01 | GLENNER, GEORGE G | 148,370 |
| 1R01 GM46638-01 | LEVINE, MICHAEL S | 162,561 |
| 1R01 GM46224-01 | MALHOTRA, VIVEK | 150,778 |
| 1S15 AI32207-01 | PALADE, GEORGE E | 84,631 |
| 1R29 AI31823-01 | RAPPAPORT, JAY F | 90,169 |
| 1R29 AI31870-01 | VOLAND, JOSEPH R | 94,937 |
| 1R01 AI31378-01A1 | WONG-STAALE, FLOSSIE | 123,613 |
| INSTITUTION TOTAL | 12 | 2,046,134 |
| CITY TOTAL | 48 | 7,389,785 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------|---|---|
| CALIFORNIA SAN FRANCISCO CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN FRANCISCO STATE UNIVERSITY 1S15 AR41243-01 GOLDSTEIN, BERNARD | | | 6,868 |
| INSTITUTION TOTAL | 1 | | 6,868 |
| ERNEST GALLO CLINIC AND RESEARCH CENTER 1S15 HL47784-01 DIAMOND, IVAN | | SMALL INSTRUMENTATION GRANT | 11,578 |
| INSTITUTION TOTAL | 1 | | 11,578 |
| MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO 1S15 CA55920-01 FIELDER, DAVID R | | SMALL INSTRUMENTATION GRANT | 23,785 |
| INSTITUTION TOTAL | 1 | | 23,785 |
| UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1R01 AG08575-01A2 ARIEFF, ALLEN I 1S15 HL47767-01 BARONDES, SAMUEL H 1R01 HL43220-01A1 CORASH, LAURENCE M 1R01 GM46628-01 DILL, KEN A 1R01 DK44834-01 GOLDFINE, IRA D 1R01 EY09120-01 HESTRIN, SHAU 1R01 AI27796-01A3 HOENER, BETTY A 1S15 AR41235-01 KAHN, ARNOLD J 1R01 AG09873-01 LONGO, FRANK M 1S15 GM47114-01 MARTIN, JOSEPH B 1S15 RR06491-01 MAUDSLEY, ANDREW A 1R01 EY09498-01 RAPORT, BASIL 1S15 GM47084-01 SCHWARTZ, JANICE B 1R01 DK43400-01 SHOBACK, DOLORES M 1R01 AG09931-01 STEWART, ANITA 1R01 CA52689-01A1 WRENCH, MARGARET R | | DEMENTIA, HYponatremia & AGING: PEPTIDE HORMONE ROLE SMALL INSTRUMENTATION GRANT PHOTOCHEMICAL DECONTAMINATION OF PLATELET CONCENTRATES PROTEIN STABILITY THEORY INSULIN RECEPTOR SIGNALLING PHYSIOLOGY AND PLASTICITY OF VISUAL CORTICAL SYNAPSES COMPARATIVE TOXICITIES OF 5-NITROFURANS SMALL INSTRUMENTATION GRANT AGING & NEURONAL DEATH--FIRST GENERATION OF NGF ANALOG SMALL INSTRUMENTATION GRANT INSTRUMENTATION FOR NMR SPECTROSCOPIC IMAGING IN VIVO PATHOGENESIS ON GRAVES' OPHTHALMOPATHY SMALL INSTRUMENTATION GRANT REGULATION OF INTRACELLULAR CALCIUM IN PARATHYROID CELLS INCREASING PHYSICAL ACTIVITY OF ELDERS IN THE COMMUNITY GENETIC EPIDEMIOLOGY OF MALIGNANT GLIOMA | 174,828 24,462 485,282 167,818 149,908 131,347 183,974 23,200 96,809 96,210 197,000 155,741 43,980 103,768 172,902 400,757 |
| INSTITUTION TOTAL | 16 | | 2,607,986 |
| UNIVERSITY OF THE PACIFIC 1S15 HL47766-01 HIGHSMITH, STEFAN | | SMALL INSTRUMENTATION GRANT | 5,766 |
| INSTITUTION TOTAL | 1 | | 5,766 |
| CITY TOTAL | 20 | | 2,655,983 |

SAN JOSE
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN JOSE STATE UNIVERSITY
1R15 GM45938-01 FOWLER, ROBERT G
107,610
OXYGEN AND SPONTANEOUS MUTAGENESIS IN ESCHERICHIA COLI

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | DOLLARS AWARDED |
|---|--|--|
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 107,610 107,610 |
| CALIFORNIA SAN LEANDRO IMMUNOSINE, INC. 1R43 AI29772-01A1 | USINGER, WILLIAM R | DEVELOPMENT OF BACTERIAL POLYSACCHARIDE AS AN ADJUVANT 48,675 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 48,675 48,675 |
| SANTA BARBARA UNIVERSITY OF CALIFORNIA AT SANTA BARBARA 1R01 HL45915-01 | DRECHSLER-PARKS, DEBORAH M | MECHANISMS OF THE RESPONSES TO OZONE EXPOSURE IN HUMANS 193,577 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 193,577 193,577 |
| SANTA CRUZ UNIVERSITY OF CALIFORNIA AT SANTA CRUZ 1S15 GM47030-01 1R29 GM46309-01 1R01 GM46232-01 1R29 GM46409-01 1R01 DK42361-01A2 | KLIGER, DAVID S OKAMURO, JACK K PECK, LAWRENCE J SULLIVAN, WILLIAM T TALAMANTES, FRANK J | SMALL INSTRUMENTATION GRANT MOLECULAR CONTROL OF FLOWER DEVELOPMENT IN ARABIDOPSIS REGULATION OF TRANSCRIPTION BY POLYMERASE III IN XENOPUS DROSOPHILA EMBRYONIC NUCLEAR DIVISION MUTATIONS GROWTH HORMONE RECEPTOR AND SERUM BINDING PROTEIN 21,437 87,235 189,981 107,830 181,078 |
| INSTITUTION TOTAL CITY TOTAL | 5 5 | 587,561 587,561 |
| SANTA MONICA SPECIALTY LABORATORIES, INC. 1R43 AI31285-01 | DENIS, KATHLEEN A | GENERATION OF ANTIGEN-SPECIFIC MABS USING SCID-HU MICE 48,945 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 48,945 48,945 |
| STANFORD STANFORD UNIVERSITY 1R37 GM46406-01 | BOTSTEIN, DAVID | GENETICS OF FUNCTIONAL INTERACTIONS IN YEAST 342,767 |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

| CALIFORNIA STANFORD UNIVERSITY | CARTWRIGHT, CHRISTINE A FELDMAN, DAVID GIUDICE, LINDA C LEWIS, RICHARD S NISHIMURA, DWIGHT G OLSHEN, RICHARD A PINSKY, PETER M SCHIMKE, ROBERT T SIMONI, ROBERT D SMITH, STEPHEN J SPUDICH, JAMES A TULJAPURKAR, SHRIPAD D WANG, TERESA S | INTESTINAL CELL GROWTH CONTROL--ROLE OF TYROSINE KINASE REGULATION OF VITAMIN D RECEPTOR GENE EXPRESSION INSULIN-LIKE GROWTH FACTOR SYSTEM IN OVIDUCT ION CHANNELS AND SIGNALING MECHANISMS IN T LYMPHOCYTES IMPROVED CEREBROVASCULAR MAGNETIC RESONANCE ANGIOGRAPHY TREE-STRUCTURED STATISTICAL METHODS MECHANICAL MODELLING OF KERATOPLASTY CLONING GENES WITH AN EPISOMAL VECTOR AUTOMATED PEPTIDE SYNTHESIZER FOR MOLECULAR STUDIES CELLULAR PHYSIOLOGY OF CORTICAL DEVELOPMENT REGULATION OF DICTYOSTELIUM MYOSIN BY PHOSPHORYLATION DEMOGRAPHIC DYNAMICS OF CHILDHOOD DISEASE AND MORTALITY CONTROL OF DNA REPLICATION AND CELL DIVISION | 108,850 233,385 48,382 166,393 86,791 186,472 122,499 215,728 55,000 157,810 195,000 54,614 277,572 |
|--|---|--|---|
| INSTITUTION TOTAL | 14 | 2,251,263 | |
| CITY TOTAL | 14 | 2,251,263 | |
| TORRANCE LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER | | | 127,000 |
| 1S10 RR06445-01 | LAIDLAW, STEWART A | | |
| AMINO ACID ANALYZER | | | |
| INSTITUTION TOTAL | 1 | 127,000 | |
| CITY TOTAL | 1 | 127,000 | |
| STATE TOTAL | 176 | 25,797,794 | |
| COLORADO ARVADA L AND J SYSTEMS | | | |
| 1R43 DK44049-01 | SIPOS, TIBOR | | |
| DEVELOPING DIGESTIZyme MICROSPHERES IN CYSTIC FIBROSIS | | | 49,990 |
| INSTITUTION TOTAL | 1 | 49,990 | |
| CITY TOTAL | 1 | 49,990 | |
| BOULDER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER | | | |
| 1S15 GM47062-01 | DE FRIES, JOHN C | | |
| 1S15 CA56014-01 | DIAMOND, LOUIS | | |
| 1R01 AG10248-01 | JOHNSON, THOMAS E | | |
| SMALL INSTRUMENTATION GRANT | | | 56,824 |
| SMALL INSTRUMENTATION GRANT | | | 13,789 |
| RFLP-MAPPING OF QTLS FOR LIFE SPAN AND LIFE HISTORY | | | 180,000 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|------------------------|---|-----------------|
| COLORADO BOULDER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER 1R01 HD26555-01A2 | PETERS, H ELIZABETH | CHILD CUSTODY & MONEY TRANSFERS IN DIVORCE NEGOTIATIONS | 72,502 |
| INSTITUTION TOTAL | 4 | 323,115 | |
| CITY TOTAL | | 323,115 | |
| COLORADO SPRINGS UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT COLORADO SPRINGS 1S15 AR41244-01 | MATTOON, JAMES R | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL | 1 | 5,000 | |
| CITY TOTAL | | 5,000 | |
| DENVER CEARA CENTERS, INC. 1R43 GM47226-01 | MICHAELS, DAN F | ARCHIVAL AND COMPRESSION OF EEG RECORDS | 49,300 |
| INSTITUTION TOTAL | 1 | 49,300 | |
| NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE 1S15 AI32163-01 | HENSON, PETER M | SMALL INSTRUMENTATION GRANT | 41,508 |
| INSTITUTION TOTAL | 1 | 41,508 | |
| UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1R15 NR02435-01A1 | COATES, CAROLIE J | HEALTH SCIENCES CENTER HEALTH AND COPING--CHILD WITNESSES OF SPOUSE ABUSE | 106,833 |
| 1R01 GM45578-01A1 | DRESKIN, STEPHEN C | SIGNAL TRANSDUCTION BY THE HIGH AFFINITY IGF RECEPTOR | 141,164 |
| 1R01 AG09834-01 | STABLER, SALLY P | PREVALENCE AND SPECTRUM OF B12 DEFICIENCY IN THE AGED | 172,702 |
| 1S15 CA56025-01 | STEVENS, JAMES O | SMALL INSTRUMENTATION GRANT | 78,023 |
| INSTITUTION TOTAL | 4 | 498,722 | |
| CITY TOTAL | 6 | 589,530 | |
| DILLON KEYSTONE CENTER 1R13 AR40927-01 | FOX, C FRED | CONFERENCE ON WOUND REPAIR AND FIBROBLASTS | 10,000 |
| 1R13 CA54781-01 | FOX, C FRED | FGF, ENDOTHELIAL CELL GROWTH FACTORS AND ANGIOGENESIS | 6,000 |
| 1R13 CA56162-01 | FOX, C FRED | CONFERENCE ON MONOCLONAL ANTIBODIES | 3,000 |
| INSTITUTION TOTAL | 3 | 19,000 | |
| CITY TOTAL | | 19,000 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|---|--|
| COLORADO FORT COLLINS COLORADO STATE UNIVERSITY 1S15 GM47075-01 1S15 NS30114-01 1R01 DC01238-01 | BENJAMIN, STEPHEN A RASH, JOHN E ROPER, STEPHEN D | SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT NEUROTRANSMISSION IN THE VERTEBRATE TASTE BUD | 29,546 37,615 110,376 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 177,537 177,537 | |
| LAKEWOOD AMC CANCER RESEARCH CENTER 1S15 CA56033-01 | THOMPSON, HENRY J | SMALL INSTRUMENTATION GRANT | 5,046 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 5,046 5,046 | |
| STATE TOTAL | 19 | 1,169,218 | |
| CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1R29 DE09662-01A1 1R01 DE09211-01A2 1S15 AR41253-01 1S15 GM47054-01 | DAVIDSON, ROBERT M LITT, MARK D PAPLAUSKAS, LEONARD P PAPLAUSKAS, LEONARD P | ION CHANNELS IN PERIODONTAL CONNECTIVE TISSUE CELLS PREPARING FOR ORAL SURGERY--COGNITIVE-BEHAVIORAL ASPECTS SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT | 106,560 131,409 25,000 63,990 |
| INSTITUTION TOTAL CITY TOTAL | 4 4 | 326,959 326,959 | |
| HARTFORD ST FRANCIS HOSPITAL AND MEDICAL CENTER 1S15 AR41241-01 | CANALIS, ERNESTO | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 5,000 5,000 | |
| MIDDLETON WESLEYAN UNIVERSITY 1S15 GM47088-01 | WEIR, MICHAEL | SMALL INSTRUMENTATION GRANT | 6,123 6,123 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 6,123 6,123 | |

NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|---|--|---|
| CONNECTICUT NEW BRITAIN CENTRAL CONNECTICUT STATE UNIVERSITY 1R15 GM45976-01 | MARTIN, KATHY A | CHROMOSOME SEGREGATION IN BACTERIA | 87,935 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 87,935 87,935 | 87,935 |
| NEW HAVEN JOHN B. PIERCE FOUNDATION LABORATORY, INC. 1S15 HL47743-01 | NADEL, ETHAN R | SMALL INSTRUMENTATION GRANT | 11,100 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 11,100 11,100 | 11,100 |
| YALE UNIVERSITY 1S15 GM47029-01 1R01 NR02352-01A1 1R13 AR40812-01 1R01 DK42347-01A2 1R01 HD28016-01 1R01 GM44954-01A1 1R01 DK44058-01 1R01 GM45314-01A1 1S10 RR06264-01 1R01 DK42921-01A1 1S10 RR06400-01 1R01 DK43812-01 1R01 NS29611-01 1S10 RR06246-01 1R01 DK44336-01 1S15 AR41245-01 1R29 LM05284-01 1R01 CA54547-01 | ADELBERG, EDWARD A BARANOSKI, MADELON V BARTH, ROLAND BERLINER, NANCY CAPRIO, SONIA COLLINS, J G FORGET, BERNARD G GONDA, DAVID K GORE, JOHN C IGARASHI, PETER KASHGARIAN, MICHAEL MORROW, JON S MORROW, JON S SARTORELLI, ALAN C SIEGEL, NORMAN J SINGER, BURTON H SITTIG, DEAN F STRAIR, ROGER K | SMALL INSTRUMENTATION GRANT PROMOTING MASTERY IN CHILDREN AFTER TRAUMA GORDON RESEARCH CONFERENCE/CELL & MOLEC BIOL OF BONES CONTROL OF TRANSCOBALAMIN I: NEUTROPHIL GRANULE PROTEIN METABOLIC PREDICTORS AND MARKERS OF CHILDHOOD OBESITY INHALATION ANESTHETIC EFFECTS ON THE SPINAL DORSAL HORN HUMAN GLOBIN AND ERYTHROPOIETIN RECEPTOR GENE REGULATION UBIQUITIN-DEPENDENT PROTEOLYSIS IN MAMMALIAN CELLS UPGRADE OF NMR SPECTROMETER FOR IMAGING AND SPECTROSCOPY REGULATION OF RENAL Na ⁺ /H ⁺ EXCHANGER GENE EXPRESSION PHILIPS CM12 TRANSMISSION ELECTRON MICROSCOPY SYSTEM TOPOGRAPHIC SPECTRIN ASSEMBLY IN ACUTE RENAL FAILURE MECHANISM OF NEURONAL SKELETAL INJURY IN AIDS DEMENTIA PURCHASE OF TRIPLE QUADRUPOLE MASS SPECTROMETER ADENINE NUCLEOTIDE METABOLISM IN RENAL ISCHEMIA SMALL INSTRUMENTATION GRANT INTELLIGENT REAL-TIME INFORMATION SYNTHESIS FOR MONITORS DETECTION OF VIRAL TRANSACTIVATORS IN PRIMARY CELLS | 69,579 203,248 112,000 223,321 120,607 229,229 325,685 162,962 307,000 158,941 306,000 240,937 198,061 357,000 285,141 28,000 75,092 155,457 |
| INSTITUTION TOTAL CITY TOTAL | 18 19 | 3,458,260 3,469,360 | 3,458,260 |
| STORRS UNIVERSITY OF CONNECTICUT STORRS 1S10 RR06318-01 1S15 AI32171-01 1S15 ES05837-01 | CANTINO, MARIE E GIOLAS, THOMAS G MORRIS, JOHN B | SCANNING/TRANSMISSION MICROSCOPE FOR MULTI-USER FACILITY SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT | 250,000 23,681 6,208 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 279,889 279,889 | 279,889 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---------------------------------------|--|-------------------|
| STATE TOTAL | 29 | 4,175,266 | |
| DIST OF COL WASHINGTON AMERICAN ASSOCIATION FOR DENTAL RESEARCH 1R13 DE09917-01 | KIM, SYNGCUK | PATHOBIOLOGY OF THE DENTIN/PULP COMPLEX | 40,000 |
| INSTITUTION TOTAL | 1 | | |
| AMERICAN CHEMICAL SOCIETY 1R13 GM46515-01 | PETROSKI, RICHARD J | SECONDARY METABOLITE BIOSYNTHESIS AND METABOLISM | 2,000 |
| INSTITUTION TOTAL | 1 | | |
| AMERICAN NATIONAL RED CROSS 1S15 HL47700-01 1R01 CA54564-01 | HOYER, LEON W JAY, GILBERT | SMALL INSTRUMENTATION GRANT FUNCTIONAL ANALYSIS OF THE HUMAN T-LYMPHOTROPIC VIRUSES | 20,558 129,336 |
| INSTITUTION TOTAL | 2 | | |
| AMERICAN UNIVERSITY 1R15 HD26942-01A1 1R01 DC01266-01 | CONWAY, KEVIN M SLOTNICK, BURTON M | EMBRYONIC ORIGINS OF NEUROSECRETORY CELLS OLFACTORY CODING | 104,559 84,017 |
| INSTITUTION TOTAL | 2 | | |
| CARNEGIE INSTITUTION OF WASHINGTON, D. C. 1S15 GM47087-01 1R29 GM46425-01 | BROWN, DONALD D MONTELL, DENISE J | SMALL INSTRUMENTATION GRANT MOLECULAR GENETICS OF CELL MIGRATION IN DROSOPHILA | 12,666 105,141 |
| INSTITUTION TOTAL | 2 | | |
| GALLAUDET UNIVERSITY 1S15 NS30125-01 | REVOILE, SALLY G | 117,807 | |
| INSTITUTION TOTAL | 1 | | |
| GEORGE WASHINGTON UNIVERSITY 1R01 CA55098-01 | LAN, KK GORDON | 5,000 | 5,000 |
| INSTITUTION TOTAL | 1 | | |
| GEorgetown UNIVERSITY 1S15 GM47089-01 | BURRIS, JAMES F | 100,204 | 100,204 |
| | | | |
| | | | 9,185 |
| | | | 9,185 |
| | | | 9,185 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|--------------------|
| DIST OF COL WASHINGTON UNIVERSITY GEORGETOWN UNIVERSITY 1R01 HD26758-01A1 1R01 AG09884-01 | UNDERHILL, CHARLES B WOLFE, BARRY B | ROLE OF HYALURONATE RECEPTORS IN EMBRYONIC DEVELOPMENT AGING AND CENTRAL CHOLINGERIC SYSTEMS | 127,416 170,011 |
| INSTITUTION TOTAL | 3 | | 306,612 |
| HOWARD UNIVERSITY 1R03 HL47208-01 | ADAMS-CAMPBELL, LUCILE L | EPIDEMIOLOGY OF CORONARY HEART DISEASE IN BLACKS | 89,000 |
| INSTITUTION TOTAL | 1 | | 89,000 |
| MEDLANTIC HEALTHCARE GROUP--MEDLANTIC RESEARCH 1S15 HL47740-01 | HOWARD, BARBARA V | FOUNDATION SMALL INSTRUMENTATION GRANT | 6,012 |
| INSTITUTION TOTAL | 1 | | 6,012 |
| SOCIETY FOR NEUROSCIENCE 1R13 HD28647-01 | RAKIC, PASKO T | THIRD IBRO WORLD CONGRESS | 20,500 |
| INSTITUTION TOTAL | 1 | | 20,500 |
| U.S. DEPARTMENT OF THE ARMY--WALTER REED ARMY MEDICAL CENTER 1R29 DC00792-01A1 | KENNETH W | AUDITORY SUPPLEMENTS TO SPEECHREADING | 74,571 |
| INSTITUTION TOTAL | 1 | | 74,571 |
| CITY TOTAL | 17 | | 1,100,176 |
| STATE TOTAL | 17 | | 1,100,176 |
| FLORIDA ALACHUA PHARMATEC, INC. 1R43 NS28954-01A1 | ESTES, KERRY S | PARENTERAL FORMULATION FOR CARBAMAZEPINE | 49,941 |
| INSTITUTION TOTAL | 1 | | 49,941 |
| XENON VISION 1R43 EY09168-01 | DRUZGALA, PASCAL J | NOVEL CAI DERIVATIVES FOR TOPICAL APPLICATION | 50,000 |
| INSTITUTION TOTAL | 1 | | 50,000 |
| CITY TOTAL | 2 | | 99,941 |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

**STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA ATLANTIC UNIVERSITY
SMALL INSTRUMENTATION GRANT**

5,000

GRANT NUMBER

PRINCIPAL INVESTIGATOR

**FLORIDA
BOCA RATON
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA ATLANTIC UNIVERSITY
1S15 NS30122-01 KELSO, J A**

**INSTITUTION TOTAL
CITY TOTAL**

**1
5,000**

**CORAL GABLES
UNIVERSITY OF MIAMI
1S15 HL47757-01**

SCHNEIDERMAN, NEIL

SMALL INSTRUMENTATION GRANT

**INSTITUTION TOTAL
CITY TOTAL**

**1
18,112**

**STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA
1S03 RR03560-01 ABBOTT, ELIZABETH F
1P20 AG09649-01 COWARD, RAYMOND T
1R01 NS29362-01 MARECI, THOMAS H
1S15 HD28759-01 PERRY, NATHAN W
1S15 AI32211-01 SMITH, RICHARD T
1R01 NS28850-01A1 STEHOUWER, DONALD J
1R01 AG09241-01 WRONSKI, THOMAS J**

**30,000
248,708
158,460
15,000
64,999
127,402
109,487**

**GAINESVILLE
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA
1S03 RR03560-01 ABBOTT, ELIZABETH F
1P20 AG09649-01 COWARD, RAYMOND T
1R01 NS29362-01 MARECI, THOMAS H
1S15 HD28759-01 PERRY, NATHAN W
1S15 AI32211-01 SMITH, RICHARD T
1R01 NS28850-01A1 STEHOUWER, DONALD J
1R01 AG09241-01 WRONSKI, THOMAS J**

**DEVELOPMENT OF LOCOMOTOR BEHAVIORS
RESTORATION OF LOST BONE MASS AFTER OVARIECTOMY**

**INSTITUTION TOTAL
CITY TOTAL**

**7
744,056**

**MELBOURNE
FLORIDA INSTITUTE OF TECHNOLOGY
1R15 AI31256-01 BAKER, BILL J**

**INSTITUTION TOTAL
CITY TOTAL**

**100,106
100,106**

100,106

**MIAMI
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA INTERNATIONAL UNIVERSITY
1R15 AI31234-01 DEZFULIAN, MANOUCHER**

INSTITUTION TOTAL

**1
87,634**

87,634

NIH RESEARCH GRANTS

DOLLARS AWARDED

TITLE OF RESEARCH PROPOSAL

| | | |
|--|---|---|
| FLORIDA MIAMI UNIVERSITY OF MIAMI 1S10 RR06376-01 1R03 HL46211-01A1 1S15 AI32192-01 | BREW, KEITH DONAHUE, RICHARD P FOGEL, BERNARD J | PEPTIDE SYNTHESIS AND AMINO ACID ANALYSIS FACILITY CHANGE IN CHD RISK FACTORS IN YOUNG ADULTS SMALL INSTRUMENTATION GRANT |
| INSTITUTION TOTAL CITY TOTAL | 3 4 | 222,502 310,136 |
| MIAMI BEACH MOUNT SINAI MEDICAL CENTER 1S15 HL47733-01 | ABRAHAM, WILLIAM M | SMALL INSTRUMENTATION GRANT |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 7,274 7,274 |
| PENSACOLA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF WEST FLORIDA 1R15 GM46126-01 | CHAET, ALFRED B | SHEDHIBIN-INHIBITOR TO THE SHEDDING SUBSTANCE HORMONE |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 103,100 103,100 |
| TALLAHASSEE STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY 1S15 GM47048-01 | ABELE, LAWRENCE G | SMALL INSTRUMENTATION GRANT |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 25,219 25,219 |
| TAMPA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA 1R01 HL44868-01A1 1S15 CA56012-01 | DIETZ, JOHN R EDWARDS, CHARLES | CARDIAC PEPTIDES IN THE CONTROL OF BLOOD VOLUME SAMLL INSTRUMENTATION GRANT |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 141,183 141,183 |
| STATE TOTAL | | 1,554,127 |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

GRANT NUMBER **PRINCIPAL INVESTIGATOR** **TITLE OF RESEARCH PROPOSAL**

| | | | |
|---|--|--|-----------------------------|
| GEORGIA ATHENS | UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA | SITE-SPECIFIC PROPERTIES OF A UNIQUE IRON-SULFUR PROTEIN SMALL INSTRUMENTATION GRANT | 115,236 47,701 |
| 1R01 GM45597-01 1S15 AI32164-01 | ADAMS, MICHAEL W MORIARTY, C MICHAEL | | |
| INSTITUTION TOTAL CITY TOTAL | 2 | 162,937 162,937 | |
| ATLANTA | | | |
| EMORY UNIVERSITY | | | |
| 1S10 RR06276-01 1R01 DK44017-01 | ADAMS, JEANETTE EATON, DOUGLAS C | HIGH-RESOLUTION HIGH-MASS, TANDEM MASS SPECTROMETER REGULATION OF NA & CL CHANNELS IN CYSTIC FIBROSIS CELLS | 400,000 100,535 |
| 1R01 GM46506-01 1R01 CA55728-01 | HAGEN, KARL S JAMES, CHARLES D | SYNTHETIC MODELS OF IRON SITES IN BIOLOGICAL SYSTEMS GENETIC ALTERATIONS IN CNS TUMOR DEVELOPMENT | 101,811 127,508 |
| 1R01 AI30554-01A1 1R01 AI31827-01 | JENSEN, PETER E LIOTTA, DENNIS C | REGULATION OF ANTIGEN PROCESSING NOVEL HETEROCLIC ANTI-AIDS AGENTS | 133,323 88,902 |
| 1R01 AI30732-01A1 1R01 GM46368-01 | LOWRY, ROBIN P MERRILL, ALFRED H, JR | CONDITIONED UNRESPONSIVENESS IN ORGAN TRANSPLANTATION STRUCTURE/FUNCTION STUDIES OF LONG-CHAIN BASES | 188,974 191,127 |
| 1R01 GM46331-01 1R01 EY08694-01A1 | REINES, DANIEL RIZZOLO, LAWRENCE J | RNA POLYMERASE II ELONGATION COMPLEX POLARITY OF RETINAL PIGMENTED EPITHELIUM | 133,182 148,292 |
| 1R13 CA54787-01 1S15 GM47064-01 | SELL, KENNETH W STEVENS, ANN R | CONFERENCE: RESEARCH IN HUMAN CANCER--NUTRITION & CANCER SMALL INSTRUMENTATION GRANT | 6,000 33,627 |
| INSTITUTION TOTAL CITY TOTAL | 12 | 1,653,281 | |
| MOREHOUSE SCHOOL OF MEDICINE | WILLIAMS, EVAN F | SMALL INSTRUMENTATION GRANT | 10,739 |
| 1S15 HL47732-01 | | | |
| INSTITUTION TOTAL | 1 | 10,739 | |
| UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY | WARTELL, ROGER M | SMALL INSTRUMENTATION GRANT | 23,450 |
| 1S15 HL47726-01 | | | |
| INSTITUTION TOTAL | 1 | 23,450 | |
| UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY | | | |
| 1S15 NS30117-01 1R01 AI31769-01 1R29 AG09208-01A1 | BAUMSTARK, ALFONS L CHERNIAK, ROBERT ZABRUCKY, KAREN M | SMALL INSTRUMENTATION GRANT CRYPTOCOCCUS NEOFORMANS--EPITOPE SPECIF ANTIBODIES/STRUCT AGING AND EVALUATION AND REGULATION OF UNDERSTANDING | 13,209 151,302 99,830 |
| INSTITUTION TOTAL CITY TOTAL | 3 17 | 264,361 1,951,811 | |

NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|------------------------|--|-----------------|
| GEORGIA AUGUSTA UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA 1R29 HL47926-01 BARMAN, SCOTT A | | CHARACTERIZATION OF VASCULAR TONE ON LUNG FLUID BALANCE | 99,075 |
| INSTITUTION TOTAL CITY TOTAL | 1 99,075 | | |
| MACON MERCER UNIVERSITY MACON 1S15 AI32217-01 SAWYER, RICHARD T | | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 5,000 | | |
| MARIETTA CRYOLIFE, INC. 1R43 HL46096-01 | MORSE, BRENDA S | DEVELOPMENT OF A FIBRIN SEALANT DELIVERY METHOD | 48,820 |
| INSTITUTION TOTAL CITY TOTAL | 1 48,820 | | |
| STATE TOTAL | 22 | 2,267,643 | |
| HAWAII AIEA HAWAII BIOTECHNOLOGY GROUP, INC. 1R43 HL46043-01 IVY, JOHN M. | | COFFEE GLACTOSIDASE CDNA CLONING FOR BLOOD PROCESSING | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 50,000 | | |
| HONOLULU UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA 1S15 CA56018-01 1S15 GM47035-01 GIBBONS, BARBARA H STUART, W DORSEY | | SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT | 26,261 6,345 |
| INSTITUTION TOTAL CITY TOTAL | 2 32,606 | | |
| STATE TOTAL | 3 82,606 | | |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | DOLLARS AWARDED |
|--|-------------------------------|------------------------|
| IDAH MOSCOW UNIVERSITY OF IDAHO 1S15 ES05838-01 | MEAD, RODNEY A | 6,208 |
| INSTITUTION TOTAL | 1 | 6,208 |
| CITY TOTAL | 1 | 6,208 |

| POCATELLO IDAHO STATE UNIVERSITY 1R15 GM46004-01 | SPALL, RICHARD D | 95,499 |
|---|-------------------------|---------------|
| INSTITUTION TOTAL | 1 | 95,499 |
| CITY TOTAL | 1 | 95,499 |
| STATE TOTAL | 2 | 101,707 |

| ILLINOIS CARBONDALE SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE 1R01 DK42137-01A2 1S15 GM47061-01 | BARTKE, ANDRZEJ YOPP, JOHN H | 179,356 14,040 |
|--|---|---------------------------|
| INSTITUTION TOTAL | 2 | 193,396 |
| CITY TOTAL | 2 | 193,396 |

| CHAMPAIGN UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 1R01 GM44530-01A1 1S10 RR06390-01 | BANKAITIS, VYTAS A DEBRUNNER, PETER G | 146,202 108,000 |
|---|--|----------------------------|
| INSTITUTION TOTAL | 7 | 958,023 |
| CITY TOTAL | 7 | 958,023 |

| CHICAGO ILLINOIS INSTITUTE OF TECHNOLOGY 1S15 HL47745-01 | ARZBAECHER, ROBERT | 9,842 |
|---|---------------------------|--------------|
| INSTITUTION TOTAL | 1 | 9,842 |
| SMALL INSTRUMENTATION GRANT | | 9,842 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|--|--|
| ILLINOIS CHICAGO | | | |
| 1S15 GM47057-01 1R01 HG00411-01 1S15 AR41231-01 | FELDBUSH, THOMAS L FINE, BETH A STERN, PAULA H | SMALL INSTRUMENTATION GRANT GENETIC COUNSELORS AS EDUCATORS ON HUMAN GENOME ISSUES SMALL INSTRUMENTATION GRANT | 70,983 100,732 16,630 |
| INSTITUTION TOTAL | 3 | 188,345 | 5,244 |
| REHABILITATION INSTITUTE OF CHICAGO 1S15 AR41254-01 | RYMER, WILLIAM Z | SMALL INSTRUMENTATION GRANT | |
| INSTITUTION TOTAL | 1 | 5,244 | |
| RUSH-PRESBYTERIAN-ST. 1S15 AR41237-01 1R01 NS28176-01A2 1R29 AI31812-01 | LUKE'S MEDICAL CENTER FRIED, WALTER GOTTLIEB, GERALD L SPEAR, GREGORY T | SMALL INSTRUMENTATION GRANT EXPERIMENTAL STUDY ON A THEORY FOR VOLUNTARY MOVEMENT INTERACTION OF HIV-1 WITH COMPLEMENT | 36,000 160,654 101,366 |
| INSTITUTION TOTAL | 3 | 298,020 | |
| THERMOGEN, INC. 1R43 GM46600-01 | DEMIRJIAN, DAVID C | TRANSPOSON BASED TOOLS FOR THERMOPHILIC ORGANISMS | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| UNIVERSITY OF CHICAGO 1S10 RR06568-01 1S15 CA55961-01 1R01 NS28726-01A1 1S15 GM47094-01 1R01 CA55356-01 1R01 DK42857-01A1 1R29 CA52837-01A1 | GARAVITO, R MICHAEL HELLMAN, SAMUEL HUTTENLOCHER, PETER R LAUMANN, EDWARD O MCKEITHAN, TIMOTHY W MILLER, JAMES F RANGNEKAR, VIVEK M | X-RAY AREA DETECTOR FOR BIOMOLECULAR RESEARCH SMALL INSTRUMENTATION GRANT SYNAPTIC DEVELOPMENT IN HUMAN CEREBRAL CORTEX SMALL INSTRUMENTATION GRANT MOLECULAR ANALYSIS OF THE 14;19 TRANSLOCATION PANCREATIC ISLET ANTIGENS--TOLERANCE AND AUTOIMMUNITY IL-1 INDUCIBLE GENES IN HUMAN MELANOMA CELLS | 275,000 78,541 113,426 65,276 193,220 163,721 86,630 |
| INSTITUTION TOTAL | 7 | 975,814 | |
| UNIVERSITY OF ILLINOIS AT CHICAGO 1S15 HL47692-01 1R01 CA54403-01 1R01 CA55279-01 | HUSTON, RICHARD L LACEY, LORETTA F RAYCHAUDHURI, PRADIP | SMALL INSTRUMENTATION GRANT PRESCRIBE FOR HEALTH--URBAN MINORITY PRIMARY CARE TRANSCRIPTION CONTROL BY THE NUCLEAR ONCOPROTEIN, E1A | 29,799 416,984 152,516 |
| INSTITUTION TOTAL CITY TOTAL | 3 19 | 599,299 2,126,564 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|---|--|---|
| ILLINOIS DE KALB NORTHERN ILLINOIS UNIVERSITY 1S15 GM47095-01 | KRESHECK, GORDON C | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 | | 5,000 |
| EVANSTON EVANSTON HOSPITAL 1S15 GM47115-01 | GROOTHUIS, DENNIS R | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 | | 5,000 |
| NORTHWESTERN UNIVERSITY 1R01 AG09337-01A1 1P01 HL45168-01A1 1R01 DC01240-01 1S15 HL47761-01 1R01 AG09297-01A1 1P30 HD28048-01 | KLEIN, WILLIAM L LORAND, LASZLO MC KOON, GAIL A MONDRAGON, ALFONSO TUREK, FRED W TUREK, FRED W | MOLECULAR CELL BIOLOGY OF AMYLOID PRECURSOR PROTEIN BLOOD CELL DEVELOPMENT AND FUNCTION INTONATION AND SENTENCE PROCESSING SMALL INSTRUMENTATION GRANT EFFECTS OF AGE ON MAMMALIAN CIRCADIAN CLOCK CENTER FOR RESEARCH ON FERTILITY AND INFERTILITY | 106,423 1,330,239 179,771 51,792 143,062 420,766 |
| INSTITUTION TOTAL CITY TOTAL | 6 7 | | 2,232,053 2,237,053 |
| LINCOLNSHIRE BIO-IMAGING RESEARCH, INC. 1R43 CA53951-01 | CHANDRAN, V C | INTERACTIVE MEDICAL IMAGE ANALYSIS WORKSTATION | 44,392 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 44,392 44,392 |
| LOMBARD I. S. GRUPE, INC. 1R43 CA53984-01 | BOUMA, SUSAN Z | MULTI-MEDIA CANCER PREVENTION DATABASE | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 50,000 50,000 |
| MAYWOOD LOYOLA UNIVERSITY MEDICAL CENTER 1R03 EY09183-01 | BRIGELL, MITCHELL G | PATTERN VEP--A MULTI-CENTER PILOT STUDY | 36,297 |

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| | | | | |
|---------------------|--|--|--|--|
| ILLINOIS MAYWOOD | LOYOLA UNIVERSITY MEDICAL CENTER 1R29 CA55064-01 1S15 AI32193-01 1R29 GM46221-01 | PIEPER, RUSSELL O ROBINSON, JOHN A WOLFE, ALAN J | CONTROL OF ALKYLTRANSFERASE EXPRESSION/DNA METHYLATION SMALL INSTRUMENTATION GRANT CHEAS ROLE IN REGULATING CHEMOTACTIC SIGNAL TRANSDUCTION | 107,796 23,448 102,073 |
| | INSTITUTION TOTAL CITY TOTAL | 4 | 269,614 269,614 | |
| | NORMAL ILLINOIS STATE UNIVERSITY 1R15 CA54648-01 1R15 CA52091-01A1 1R15 GM42080-01A2 | BROCKMAN, HERMAN E Lucher, Lynne A Wilkinson, Brian J | ARE "CRYPTIC MUTAGENS" MUTAGENIC IN THE ARA TEST? HOST SPECIES INFLUENCE ON ADENOVIRUS REPLICATION OSMOREGULATION IN STAPHYLOCOCCUS AUREUS | 93,744 85,688 101,492 |
| | INSTITUTION TOTAL CITY TOTAL | 3 | 280,924 280,924 | |
| | NORTH CHICAGO ABBOTT LABORATORIES 1R01 GM45351-01 | FESIK, STEPHEN W | STRUCTURES OF PEPTIDYL-PROLYL ISOMERASE/LIGAND COMPLEXES | 138,814 |
| | INSTITUTION TOTAL | 1 | 138,814 | |
| | UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL 1R01 CA55414-01 1S15 CA56004-01 | HENTOSH, PATRICIA NEET, KENNETH E | FUNCTIONAL CONSEQUENCES OF 2-CHLOROADENINE IN DNA SMALL INSTRUMENTATION GRANT | 139,889 21,200 |
| | INSTITUTION TOTAL CITY TOTAL | 2 3 | 161,089 299,903 | |
| | STATE TOTAL | 48 | 6,464,869 | |
| | INDIANA BLOOMINGTON INDIANA UNIVERSITY AT BLOOMINGTON 1R01 HD28246-01 1R29 GM46271-01 1R29 GM46451-01 1R01 GM46295-01 1R01 NS29467-01 | ALBERTS, JEFFREY R BENDER, ALAN D INNES, ROGER W SAXTON, WILLIAM M SUTHERS, RODERICK A | THERMAL IMAGING OF PERINATAL BEHAVIOR AND PHYSIOLOGY CONTROL OF BUD EMERGENCE IN YEAST GENETICS OF DISEASE RESISTANCE IN ARABIDOPSIS THALIANA MECHANISMS AND FUNCTIONS OF SUBCELLULAR MOTILITY MOTOR CONTROL IN PRODUCTION AND DEVELOPMENT | 101,976 71,178 104,573 160,918 120,254 |

**NIH
RESEARCH GRANTS**

GRANT NUMBER **PRINCIPAL INVESTIGATOR**

TITLE OF RESEARCH PROPOSAL

DOLLARS AWARDED

INDIANA
BLOOMINGTON
INDIANA UNIVERSITY AT BLOOMINGTON
1R01 GM45572-01A1

132,326

WIDLANSKI, THEODORE S

SULFONYL ANALOGUES OF SULFATES AND PHOSPHATES

INSTITUTION TOTAL 6 691,225
CITY TOTAL 6 691,225

INDIANAPOLIS
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS

1R15 GM45959-01 BARD, MARTIN
1R01 NS29822-01 GHETTI, BERNARDINO
1R15 AG09811-01 STILLWELL, WILLIAM H
1R03 HL46674-01 WILLIAMS, CHRISTOPHER J
1R01 DK43105-01A1 YANG, YU-CHUNG

INSTITUTION TOTAL 5 819,108
CITY TOTAL 5 819,108

MUNCIE
BALL STATE UNIVERSITY

1R15 CA56517-01 BEHFOROUZ, MOHAMMAD
1R15 GM40056-01A3 JOHNSON, ERIC R
1R15 EY08572-01A1 MEYERTHOLEN, EDWARD P

INSTITUTION TOTAL 3 302,298
CITY TOTAL 3 302,298

NOTRE DAME
UNIVERSITY OF NOTRE DAME

1S15 HL47723-01 HUBER, PAUL W
1S10 RR06709-01 SCHEIDT, W ROBERT

INSTITUTION TOTAL 2 220,469
CITY TOTAL 2 220,469

WEST LAFAYETTE
PURDUE UNIVERSITY WEST LAFAYETTE
1S15 NS30132-01 BLIGHT, ANDREW R
1R01 GM45756-01 DAVISSON, V JO
1S15 ES05846-01 LOUDON, G MARC

SMALL INSTRUMENTATION GRANT
ENZYMEs OF THE HISTIDINE BIOSYNTHETIC PATHWAY
SMALL INSTRUMENTATION GRANT

SEEKING THE YEAST SPARKING STEROL
BIOLOGY OF HEREDITARY PRP AMYLOIDOSIS WITH TANGLES
PREVENTION OF MITOCHONDRIAL AGING BY OMEGA-3 FATTY ACIDS
REANALYSIS OF CVD RISK FACTORS VIA LIKELIHOOD METHODS
GENE REGULATION OF HUMAN INTERLEUKIN-9 (IL-9)

113,876
370,182
113,952
147,495
173,603

SYNTHESIS AND STUDY OF RAS K SPECIFIC ANTITUMOR DRUGS
STABILITY AND SPECIFICITY OF PROTEASES IN DENATURANT
INOSITOL METABOLISM IN RAT RETINAL PIGMENT EPITHELIUM

100,966
103,030
98,299

SMALL INSTRUMENTATION GRANT
ROTATING ANODE X-RAY DIFFRACTION SYSTEM

18,469
202,000

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

| | | | | | |
|-------------------|--------------------|--|---|---|---|
| INDIANA | WEST LAFAYETTE | WEST LAFAYETTE | PEPPAS, NIKOLAOS A | MUCOADHESIVE POLYMERS FOR NASAL AND Buccal DRUG DELIVERY NMR STRUCTURE OF BAND 3 PEPTIDE-ENZYME COMPLEXES | 122,300 103,343 |
| | 1R01 GM45027-01A1 | | | | |
| | 1R29 GM39478-01A3 | | POST, CAROL B | | |
| INSTITUTION TOTAL | 5 | | | 383,289 | |
| CITY TOTAL | 5 | | | 383,289 | |
| STATE TOTAL | 21 | | | 2,416,389 | |
| IOWA | AMES | STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY | HOROWITZ, JACK HSU, WALTER H KOEHLER, KENNETH J OLSON, JAMES A OSWEILER, GARY D SIMONS, RONALD L SWAN, PATRICIA B UEMURA, ETSURO | TRANSFER RIBONUCLEIC ACID STRUCTURE AND FUNCTION AMITRAZ-INDUCED INHIBITION OF INSULIN RELEASE STATISTICAL METHODS FOR CORRELATED SURVIVAL DATA NEW INDICATORS OF MARGINAL STATUS FOR VITAMINS A & E IN VITRO CYTOTOXICITY OF FUMONISIN MYCOTOXINS ECONOMIC STRAIN AND SOCIAL SUPPORT IN SINGLE PARENTS SMALL INSTRUMENTATION GRANT MATHEMATICAL APPROACH TO MODELING DENDRITIC GROWTH | 96,140 125,517 67,001 87,050 75,684 106,157 20,568 105,797 |
| INSTITUTION TOTAL | 8 | | | 683,914 | |
| CITY TOTAL | 8 | | | 683,914 | |
| IOWA CITY | UNIVERSITY OF IOWA | | | | |
| 1R01 DE09419-01A2 | | LOGAN, HENRIETTA L | | PAIN, DISTRESS & PERSONAL CONTROL | 109,260 |
| 1R01 DK41323-01A2 | | MAHER, JAMES W | | CHEMO-NOCICEPTIVE MECHANISMS OF THE DISTAL ESOPHAGUS | 114,287 |
| 1S15 GM47098-01 | | MORRISON, JAMES D | | SMALL INSTRUMENTATION GRANT | 37,630 |
| 1R01 AR40771-01A1 | | MOSELEY, POPE L | | EXERCISE HEAT & THERMOTOLERANCE--MOLECULAR MECHANISMS | 195,878 |
| 1R29 AR40854-01 | | NAIDES, STANLEY J | | PERSISTANT INFECTION IN CHRONIC B19 ARTHROPATHY | 103,159 |
| 1R01 AI31474-01 | | SOLL, DAVID R | | VAGINOTROPIC & VAGINOPATHIC STRAINS OF CANDIDA ALBICANS | 182,371 |
| 1R29 AI30126-01A1 | | WILSON, MARY E | | ANTIGENS ELICITING A T CELL RESPONSE IN LEISHMANIASIS | 81,095 |
| 1S15 GM47055-01 | | WURSTER, DALE E | | SMALL INSTRUMENTATION GRANT | 7,132 |
| INSTITUTION TOTAL | 8 | | | 830,812 | |
| CITY TOTAL | 8 | | | 830,812 | |
| STATE TOTAL | 16 | | | 1,514,726 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|---|
| KANSAS KANSAS CITY UNIVERSITY OF KANSAS MEDICAL CENTER 1S15 ES05835-01 1R03 DK43651-01 | CHAPMAN, A ^L SARRAS, MICHAEL P., JR | SMALL INSTRUMENTATION GRANT A MODEL FOR BASEMENT MEMBRANE THICKENING IN DIABETES | 43,978 37,000 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 80,978 | 80,978 |
| | | | |
| LAWRENCE UNIVERSITY OF KANSAS 1S10 RR06433-01 1R01 GM44900-01A1 1S15 GM47059-01 1R13 CA54695-01 1S10 RR06294-01 | DOUGHTY, MICHAEL B LUNTE, CRAIG E MICHAELIS, ELIAS K SHANKEL, DELBERT M WILLIAMS, TODD D | PEPTIDE SYNTHESIZER AMINO ACID ANALYZER IN VIVO INVESTIGATIONS USING MICRODIALYSIS SAMPLING SMALL INSTRUMENTATION GRANT CONF ON MECHANISMS OF ANTIMUTAGENESIS/ANTICARCINOGENESIS HYBRID (EBQQ) MASS SPECTROMETER | 63,000 89,915 14,083 9,500 385,000 |
| INSTITUTION TOTAL CITY TOTAL | 5 | 561,498 | 561,498 |
| | | | |
| MANHATTAN KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE 1S10 RR06240-01 | TAKEUCHI, LARRY J | PROT SEQUENCER PEP SYNTHESIZER DNA SYNTHESIZER HPLC | 136,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 136,000 136,000 | 136,000 |
| STATE TOTAL | 8 | 778,476 | 778,476 |
| | | | |
| KENTUCKY LEXINGTON COUNCIL OF STATE GOVERNMENTS 1R13 HG00270-01 | BROWN, R STEVEN | STATE GOVERNMENTS AND THE HUMAN GENOME PROJECT | 136,014 |
| INSTITUTION TOTAL | 1 | 136,014 | 136,014 |
| | | | |
| UNIVERSITY OF KENTUCKY 1R01 AG10257-01 1R01 HL43831-01A2 1S15 GM47028-01 1S15 HL47765-01 1R29 GM45253-01A1 | BARBER, B J GILLESPIE, MARK N JONES, GRACE M OLSON, JACK W SPEAR, BRETT T | AGE RELATED CHANGES IN PROTEIN AND WATER DISTRIBUTION EPIDERMAL GROWTH FACTOR IN PULMONARY HYPERTENSION INSTRUMENTATION FOR DETECTION AND SEPARATION OF MOLECULE SMALL INSTRUMENTATION GRANT GENETIC SCHEMES TO CLONE MAMMALIAN TRANSCRIPTION FACTORS | 120,931 135,238 15,591 8,712 92,750 |

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

KENTUCKY

LEXINGTON
UNIVERSITY OF KENTUCKY
1R01 GM46193-01 STABEN, CHARLES A
1R01 ES046640-01A2 YOKEL, ROBERT A

INSTITUTION TOTAL 7
CITY TOTAL 8

LOUISVILLE

UNIVERSITY OF LOUISVILLE
1R01 GM45783-01 BUCHANAN, ROBERT M
1R15 DE09865-01 GETTELMAN, LAWRENCE
1S15 AI32208-01 ROSS, GORDON D

INSTITUTION TOTAL 3
CITY TOTAL 3

LOUISIANA

BATON ROUGE
LOUISIANA STATE UNIVERSITY
1S15 GM45967-01 JOHNSTON, TIMOTHY C
1R15 GM46014-01 ZIMMERER, EDMUND J

INSTITUTION TOTAL 2
CITY TOTAL 2

STATE TOTAL 13
CITY TOTAL 13

LOUISIANA

BATON ROUGE
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE
1S15 GM47061-01 BARKLEY, MARY D
1R15 DC01128-01 STRAIN, GEORGE M

INSTITUTION TOTAL 2
CITY TOTAL 2

NEW ORLEANS

ALTON OCHSNER MEDICAL FOUNDATION
1S15 CA56028-01 RE, RICHARD N

INSTITUTION TOTAL 1
CITY TOTAL 1

GENETIC APPROACH TO UNDERSTANDING PNEUMOCYSTIS THERAPY
ALUMINUM TOXICITY--CHELATOR IDENTIFICATION AND SAFETY

90,718
110,664

POLYIMIDAZOLE OXO-IRON COMPLEXES
PHOSPHAZENE POLYMERS FOR DENTAL & BIOMEDICAL APPLICATION
SMALL INSTRUMENTATION GRANT

36,840
108,120
27,898

MOLECULAR CHARACTERIZATION OF BACTERIAL LUCIFERASE
CHARACTERISTICS OF A MURINE MHC HOTSPOT OF RECOMBINATION

96,945
95,769

17,031
106,007

SMALL INSTRUMENTATION GRANT

5,321

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|--|-------------------|
| LOUISIANA NEW ORLEANS 1R01 DE08851-01A3 1S15 NS30115-01 | BLOCK, MICHAEL S SPITZER, JOHN J | PROSPECTIVE EVALUATION OF IMPLANT SUPPORTED BRIDGES SMALL INSTRUMENTATION GRANT | 165,961 10,252 |
| INSTITUTION TOTAL | 2 | 176,213 | 98,304 |
| LOUISIANA STATE UNIVERSITY-UNIVERSITY OF NEW ORLEANS 1R15 HD27043-01A1 | TURNER, LISA A | MEMORY STRATEGY USE IN MENTALLY RETARDED STUDENTS | 98,304 |
| INSTITUTION TOTAL | 1 | 136,995 416,833 | 15,827 121,168 |
| TULANE UNIVERSITY OF LOUISIANA 1S15 AI32213-01 1R01 DK43846-01 | IDE, CHARLES F WALTERS, MARIAN R | SMALL INSTRUMENTATION GRANT CALCIUM BINDING PROTEIN FUNCTION AND VITAMIN D | 416,833 |
| INSTITUTION TOTAL | 2 | 136,995 416,833 | 416,833 |
| SHREVEPORT LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT 1P01 DK43785-01 | GRANGER, DANIEL N | PATHOPHYSIOLOGY OF INTESTINAL ISCHEMIA-REPERFUSION | 863,577 |
| INSTITUTION TOTAL | 1 | 863,577 | 863,577 |
| CITY TOTAL | 1 | 863,577 | 863,577 |
| STATE TOTAL | 9 | 1,403,448 | |
| MAINE BAR HARBOR JACKSON LABORATORY 1R13 HD27947-01 1S15 AI32200-01 | NADEAU, JOSEPH H TAYLOR, BENJAMIN A | MAMMALIAN DEVELOPMENTAL GENETICS WORKSHOP SMALL INSTRUMENTATION GRANT | 5,000 42,996 |
| INSTITUTION TOTAL | 2 | 47,996 | 47,996 |
| CITY TOTAL | 2 | 47,996 | 47,996 |
| ORONO UNIVERSITY OF MAINE 1S15 AR41232-01 | BRUCE, ALICE E | SMALL INSTRUMENTATION GRANT | 5,000 5,000 |
| INSTITUTION TOTAL | 1 | 1 | 5,000 |
| CITY TOTAL | 1 | 1 | 5,000 |

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

117,713

MAINE

WATERVILLE
COLBY COLLEGE
1R15 GM42078-01A2

LIBBY, R DANIEL

INSTITUTION TOTAL 1
CITY TOTAL 1
STATE TOTAL 1

117,713
117,713
117,713

170,709

MARYLAND

BALTIMORE

JOHNS HOPKINS UNIVERSITY

1R01 CA55529-01 AMBINDER, RICHARD F
1S15 GM4709-01 BEER, MICHAEL
1S10 RR06480-01 BLACKBAND, STEPHEN J
1R01 CA54112-01 BRYAN, R NICK
1R29 CA54385-01 CRAIG, RUTH W
1R01 HL45139-01A1 EWART, CRAIG K
1R01 CA52001-01A1 FARBER, JOSHUA M
1R01 CA51950-01A1 GLICKSON, JERRY D
1S15 GM47076-01 GOLDBERG, ALAN M
1R01 DK43423-01A1 GUGGINO, SANDRA E
1S10 RR06335-01 HUBBARD, WALTER C
1R29 CA55231-01 ISAACS, WILLIAM B
1S15 HL47724-01 JOHNS, MICHAEL E
1R01 GM45971-01 KARLIN, KENNETH D
1R01 ES05750-01 KUNCL, RALPH W
1R01 GM47145-01 LEVITT, ROY C
1R01 DK44015-01 MALONEY, PETER C
1R01 DK43962-01 PEDERSEN, PETER L
1R01 CA55133-01 ROWINSKY, ERIC K
1R29 AI31608-01 SCHWARTZ, BRIAN
1R01 HD28070-01 SHEARN, KATHLEEN B
1R03 CA54838-01 SHEARN, ALLEN D
1R01 CA54421-01 TOWNSEND, CRAIG A
1S10 RR06468-01 TOWNSEND, CRAIG A
1R29 DK43778-01 TSE, CHUNG MING

INSTITUTION TOTAL 25

4,456,996

UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL
1S15 HL47770-01 GALLERY, PATRICK S
1R01 DE10132-01 DESSEM, DEAN

SMALL INSTRUMENTATION GRANT
TOOTH MERCHANORECEPTORS IN JAW MOVEMENT

8,069
81,278

EBV AS A TUMOR MARKER IN AIDS CNS LYMPHOMA
SMALL INSTRUMENTATION GRANT
UPGRADE OF A 47T/60CM GE CSI INSTRUMENT
PHYSIOLOGIC IMAGING OF HUMAN BRAIN TUMORS
GENES EXPRESSED EARLY IN LEUKEMIC CELL DIFFERENTIATION
96,959
SCHOOL BASED EXERCISE TO LOWER ADOLESCENT BLOOD PRESSURE
NOVEL MACROPHAGE DERIVED INTERFERON INDUCED CYTOKINES
IN VIVO NMR OF TUMORS AND THEIR RESPONSE TO CHEMOTHERAPY
SMALL INSTRUMENTATION GRANT
INSTRUMENT CHANNELS CONTROLLING BONE REMODELING
FINNEGAN MATT SSQ-700 WITH ADDITIONAL DATA SYSTEM
TUMOR SUPPRESSOR GENE INACTIVATION IN PROSTATE CANCER
SMALL INSTRUMENTATION GRANT
NITROGEN OXIDE (NO_x) REDOX CHEMISTRY WITH COPPER ION
MECHANISMS OF AZT-INDUCED MYOPATHY--MOLECULAR STUDIES
MALIGNANT HYPERTERMIA SUSCEPTIBILITY--MOLECULAR STUDIES
FUNCTIONAL ANALYSIS OF CFTR
MOLECULAR AND CHEMICAL DESCRIPTION OF CFTR FUNCTION
HUMAN METABOLISM OF TAXOL
ANTI-TICK ANTIBODY IN LYME DISEASE RESEARCH
BREATH ETHANE, BIOMARKER OF VITAMIN A AND E DEFICIENCY
INVASIVE NEOPLASMS OF DROSOPHILA AS MODELS OF METASTASIS
DIYNENE ANTIBIOTICS AND THEIR DNA CLEAVAGE CHEMISTRY
500 MHZ NMR INSTRUMENTATION FOR SHARED USE
CLONING & REGULATION OF INTESTINAL NA⁺/H⁺ EXCHANGERS

NIH RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS AWARDED

| | | | |
|---|---|---|--|
| MARYLAND | BALTIMORE | UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND | BALTIMORE PROFESSIONAL SCHOOL |
| | | FELDMAN, RICARDO A | FPS/FES PROTO-ONCOGENE IN MYELOID CELL FUNCTION |
| 1R29 | CA55293-01 | HORNBECK, PETER V | FUNCTONAL CELL BIOLOGY OF PHOSPHOMYRISTIN C |
| 1R29 | A18022-01A1 | PARNES, HOWARD L | CANCER IN THE SOCIOECONOMICALLY DISADVANTAGED |
| 1R13 | CA53161-01 | RICHARDS, RICHARD D | SMALL INSTRUMENTATION GRANT |
| 1S15 | HL47776-01 | | |
| INSTITUTION TOTAL | 6 | 349,044 | |
| CITY TOTAL | 31 | 4,806,040 | |
| | | | |
| BETHESDA | CIVILIZED SOFTWARE, INC. | BUNOW, BARRY J | COMBO: PROGRAM FOR ANALYZING DRUG COMBINATION ASSAYS |
| 1R43 | CA53035-01A1 | BUNOW, BARRY J | DESIGN POWER SOFTWARE FOR CLINICAL STUDIES |
| 1R43 | CA54004-01 | | |
| INSTITUTION TOTAL | 2 | 100,000 | |
| | | | |
| FEDERATION OF AMERICAN SOCIETY FOR EXPERIMENTAL BIOLOGY | | | |
| 1R13 | GM46260-01 | CORBIN, JACKIE D | FASEB SUMMER RESEARCH CONFERENCE: PROTEIN KINASES |
| 1R13 | EY09046-01 | FUNG, BERNARD K | 1991 FASEB CONFERENCE: BIOLOGY AND CHEMISTRY OF VISION |
| 1R13 | DK44261-01 | GERSHON, MICHAEL D | FASEB SUMMER RESEARCH CONFERENCE: CELL/MOLECULAR BIOLOGY |
| 1R13 | GM45969-01 | GOLDBERG, ALFRED L | UBIQUITIN AND INTRACELLULAR PROTEIN |
| 1R13 | GM45759-01 | GRUNSTEIN, MICHAEL | CHROMATIN AND TRANSCRIPTION--FASEB SUMMER CONFERENCE |
| 1R13 | A131012-01 | PARKER, DAVID C | FASEB SUMMER CONFERENCE--LYMPHOCYTES AND ANTIBODY |
| INSTITUTION TOTAL | 6 | 44,500 | |
| CATONSVILLE | UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS | | |
| 1S15 | GM47056-01 | DUNN, TERESA M | 1118,621 |
| | | SCHOENBERG, DANIEL R | 32,854 |
| INSTITUTION TOTAL | 2 | 151,475 | |
| CITY TOTAL | 10 | 295,975 | |
| | | | |
| CATONSVILLE | UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS | | |
| 1S15 | GM47056-01 | YASBIN, RONALD E | 16,788 |
| INSTITUTION TOTAL | 1 | | |
| CITY TOTAL | 1 | | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|---|-----------------------------|
| MARYLAND COLLEGE PARK POTOMAC PHOTONICS, INC. 1R43 GM45660-01A1 | DUIGNAN, MICHAEL T | NEW UNTRASENSITIVE DETECTOR FOR MICRO-SEPARATIONS | 48,783 |
| INSTITUTION TOTAL | 1 | 48,783 | |
| UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1S10 RR06662-01 1R01 HD28033-01 1S15 GM47069-01 | GERLT, JOHN A MOSER-VEILLON, PHYLLIS B VIJAY, INDER K | COLLEGE PARK CAMPUS AUTORADIOGRAPH IMAGER VITAMIN B-6 STATUS IN PREGNANCY, LACTATION AND INFANCY SMALL INSTRUMENTATION GRANT | 120,000 62,780 31,472 |
| INSTITUTION TOTAL | 3 | 214,252 | |
| CITY TOTAL | 4 | 263,035 | |
| | | | |
| COLUMBIA TISSUE CULTURE ASSOCIATION 1R13 AG09962-01 | LEVINE, ELLIOT M | MOLECULAR BASIS FOR CELLULAR AGING | 7,000 |
| INSTITUTION TOTAL | 1 | 7,000 | |
| CITY TOTAL | 1 | 7,000 | |
| | | | |
| GAITHERSBURG MICRO-MARKETING SYSTEMS, INC. 1R43 NR02594-01 | TODD, SELDON P, JR | HELPSSKIN: A NURSING PRESSURE SORE PREVENTION SYSTEM | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| MOLECULAR ONCOLOGY, INC. 1R43 CA54662-01 1R43 CA54653-01 | BIRD, ROBERT E TURNER, NANCY A | HUMAN COLLAGENASE IV AND ITS INHIBITORS LS-MET-1, A HIGHLY METASTATIC HUMAN CARCINOMA CELL LINE | 50,000 50,000 |
| INSTITUTION TOTAL | 2 | 100,000 | |
| MULTICHANNEL CONCEPTS, INC. 1R43 NS29598-01 | YANG, XIAOWEI | DEVELOPMENT OF AN AUTOMATED NEURAL SPIKE DISCRIMINATOR | 49,980 |
| INSTITUTION TOTAL | 1 | 49,980 | |
| CITY TOTAL | 4 | 199,980 | |
| | | | |
| IJAMSVILLE BIOLOGICAL RESEARCH FACULTY AND FACILITY, INC. 1R43 CA554669-01 | KAIGHN, M EDWARD | TOXICITY AND GROWTH INHIBITION ASSAYS BY IMAGE ANALYSIS | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|--|-------------------|
| CITY TOTAL | 1 | 50,000 | |
| MARYLAND PRINCESS ANNE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND EASTERN SHORE 1R15 ES05657-01 ADAMS, JAMES A | | EASTERN SHORE REPRODUCTIVE TOXICOLOGY OF NO 2 DIESEL FUEL | 96,190 |
| INSTITUTION TOTAL | 1 | 96,190 | |
| CITY TOTAL | 1 | 96,190 | |
| SILVER SPRING BARNETT TECHNICAL SERVICES 1R43 CA56311-01 | BARNETT, BETH | CANCER PREVENTION ON COMPUTER FOR CHILDREN | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| BIRCH AND DAVIS ASSOCIATES, INC. 1R43 AG10150-01 | D'ERASMO, MARTHA J | IMPROVING NURSING DOCUMENTATION WITH COMPUTER TECHNOLOGY | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| CITY TOTAL | 2 | 100,000 | |
| WESTMINSTER LOATS ASSOCIATES, INC. 1R43 ES05872-01 | LOATS, HARRY L | COLOR BASED AUTOMATED MICRONUCLEI ASSAY | 35,500 |
| INSTITUTION TOTAL | 1 | 35,500 | |
| CITY TOTAL | 1 | 35,500 | |
| STATE TOTAL | 56 | 5,870,508 | |
| MASSACHUSETTS AMHERST UNIVERSITY OF MASSACHUSETTS AT AMHERST 1R15 NR02460-01A1 1S15 NS30128-01 | GILBERT, DOROTHY A WESTHEAD, EDWARD W | RELATIONAL MESSAGES IN NURSES' LISTENING BEHAVIOR SMALL INSTRUMENTATION GRANT | 101,732 32,615 |
| INSTITUTION TOTAL | 2 | 134,347 | |
| CITY TOTAL | 2 | 134,347 | |

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

MASSACHUSETTS
BEDFORD
COLLABORATIVE RESEARCH, INC.
1R01 HG00122-01A1
MAO, JEN-I

INSTITUTION TOTAL 1
CITY TOTAL 1
 552,376

PYTHON & REFINED GENETIC MAP OF HUMAN CHROMOSOME 10

552,376

BOSTON ISRAEL HOSPITAL
1R13 DK44067-01
1S15 AI32203-01
EPSTEIN, FRANKLIN H
RABKIN, MITCHELL T

INSTITUTION TOTAL 2
 68,709

BOSTON BIOMEDICAL RESEARCH INSTITUTE
1S15 GM47091-01
1R01 EY09521-01
LU, RENNE C
PANDE, AJAY K

INSTITUTION TOTAL 2
 208,012

NEWER ASPECTS OF RENAL INJURY SYMPOSIUM
SMALL INSTRUMENTATION GRANT

552,376
552,376

SMALL INSTRUMENTATION GRANT
PROTEIN GLYCATION--STRUCTURE AND STABILITY OF PRODUCTS

26,797
181,215

BOSTON UNIVERSITY
1R01 AG09905-01
1S10 RR06605-01
1R01 RR06633-01
1S15 HL47708-01
1R01 AG09300-01A1
1S15 HL47754-01
1R01 EY08886-01A1
1R01 AG09869-01
ABRAHAM, CARMELA R
AKEY, CHRISTOPHER W
CALLARD, IAN P
CHOBANIAN, ARAM V
FELSON, DAVID T
MAKOWSKI, LEE
SVOBODA, KATHY K
VAUGHAN, DEBORAH W

INSTITUTION TOTAL 8
 1,425,203

BRIGHAM AND WOMEN'S HOSPITAL
1R01 HL47874-01
1R03 HL46923-01
1R01 AI30628-01A1
1R01 HG00598-01
1S10 RR06521-01
1S15 HL47759-01
1R29 AI31527-01
1R01 AI31006-01A2
1R01 NS28662-01A1
1R01 AI29952-01A1
HARTWIG, JOHN H
HEBERT, PATRICIA R
KASPER, DENNIS L
KWIATKOWSKI, DAVID J
LECHENE, CLAUDE P
NESSON, H RICHARD
PERKINS, DAVID L
REMOLD, HEINZ G
SARID, JACOB
WESSELS, MICHAEL R

REGULATION OF PLATELET SHAPE CHANGES
LONGITUDINAL STUDIES OF BLOOD PRESSURE IN THE ELDERLY
PREVENTION OF PERINATAL GROUP B STREPTOCOCAL INFECTIONS
MAP OF HUMAN CHROMOSOME 9
AUTOMATED VIDEO MICROFLUOROMETRY AND INJECTION SYSTEM
SMALL INSTRUMENTATION GRANT
PERIPHERAL T CELL TOLERANCE INDUCED BY SUPERANTIGENS
MYCOBACTERIUM AVIUM-INTRACELLULAR INFECTIONS AND AIDS
TRANSCRIPTIONAL REGULATION OF THE GFAP GENE
IMMUNE RESPONSE TO THE GROUP A STREPTOCOCAL CAPSULE

238,919
55,861
342,904
278,868
161,000
182,447
296,811
182,769
174,458

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|--|--|
| MASSACHUSETTS BOSTON BRIGHAM AND WOMEN'S HOSPITAL 1R01 HL46373-01 | WILLIAMS, GORDON H | EFFECT OF NA AND K INTAKE ON ALDOSTERONE IN HYPERTENSION | 287,152 |
| INSTITUTION TOTAL | 1 | 2,282,189 | 31,319 |
| CENTER FOR BLOOD RESEARCH 1S15 HL47744-01 | ROSEN, FRED S | SMALL INSTRUMENTATION GRANT | |
| INSTITUTION TOTAL | 1 | 31,319 | |
| CHILDREN'S HOSPITAL 1S10 RR06285-01 1R01 NS29384-01 1R29 AR41046-01 1S10 RR06725-01 1R01 DK43955-01 | KUNKEL, LOUIS M MAJZoub, JOSEPH A SAVEDRA, RAUL A STRANGE, KEVIN ZEIDEL, MARK L | AUTOMATED DNA SEQUENCER CIRCADIAN REGULATION OF VASOPRESSIN GENE EXPRESSION FUNCTION OF OSTEOPOINTIN--MOLECULAR GENETICS APPROACH DIGITAL IMAGING FLUORESCENCE MICROSCOPY FACILITY MECHANISMS OF WATER FLOW ACROSS BIOLOGICAL MEMBRANES | 106,000 200,480 101,093 109,000 222,892 |
| INSTITUTION TOTAL | 5 | 739,465 | |
| DANA-FARBER CANCER INSTITUTE 1R01 GM46526-01 1S15 AI32197-01 1R01 EY09252-01 1R29 AI30169-01A1 1R29 CA53599-01A1 1R01 AI30581-01A1 1R01 AI31354-01A1 | HEMLER, MARTIN E JANICKI, BERNARD W KIM, KYUNGMAN REISER, HANS SHERMAN, MATTHEW L SPIES, THOMAS TERWILLIGER, ERNEST F | FUNCTION AND REGULATION OF VLA MOLECULES ON T CELLS SMALL INSTRUMENTATION GRANT REGRESSION MODELS FOR ANALYSIS OF OPHTHALMOLOGICAL DATA CHARACTERIZATION OF AN ANTIGEN CONCERNED WITH T CELL ACT PHARMACOLOGIC AND MOLECULAR CONTROL OF C-JUN IN LEUKEMIA NOVEL IMMUNE RESPONSE GENES WITHIN THE HUMAN MHC STRUCTURE, FUNCTION AND MECHANISM OF THE HIV-1 VPR GENE | 116,175 77,807 118,651 114,909 115,777 245,420 163,505 |
| INSTITUTION TOTAL | 7 | 952,244 | |
| EYE RESEARCH INSTITUTE OF RETINA FOUNDATION 1R01 EY09057-01 | DARTT, DARLENE A | CONTROL OF CONJUNCTIVAL GOBLET CELL MUCOUS PRODUCTION | 133,094 |
| INSTITUTION TOTAL | 1 | 133,094 | |
| HARVARD UNIVERSITY 1R13 AI31013-01 1S10 RR06351-01 1R01 HD2846-01 1R01 GM45781-01 1S10 RR06287-01 1R01 CA55042-01 1R01 HL46320-01 | DAVID, JOHN R FURLONG, DEIRDRE B MERCOLA, MARK K REINHOLD, VERNON N REINHOLD, VERNON N SAMSON, LEONA D SEIDMAN, JONATHAN G | AMERICAN SOCIETY FOR TROPICAL MEDICINE AND HYGIENE SHARED CONVENTIONAL ELECTRON MICROSCOPE PROPOSAL PDGF FUNCTION AND HEAD-TAIL AXIS FORMATION IN EMBRYOS GLYCAN SEQUENCING AT THE FEMTO MOLE LEVEL (SFC-NCI-MS) GC/SFC -MS INSTRUMENT : TRIPLE QUADRUPOLE EUKARYOTIC DNA ALKYLATION REPAIR MOLECULAR CAUSE OF FAMILIAL HYPERTROPHIC CARDIOMYOPATHY | 5,000 277,000 224,797 222,222 389,000 197,889 252,943 |

**NIH
RESEARCH GRANTS**

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

| | | | |
|--|---|--|--|
| MASSACHUSETTS BOSTON HARVARD UNIVERSITY 1R01 GM46555-01 1R01 AI31789-01 | STRUHL, KEVIN TSIATIS, ANASTASIOS A | DIMERIZATION & DNA-BINDING SPECIFICITY OF BZIP PROTEINS STATISTICAL METHODS FOR AIDS CLINICAL TRIALS | 145,187 101,255 |
| INSTITUTION TOTAL | 9 | 1,815,293 | |
| JOSLIN DIABETES CENTER 1R01 DK42315-01A1 1S10 RR06727-01 1R01 DK43808-01 | JACOBSON, ALAN M KAHN, C RONALD WHITE, MORRIS F | SYMPTOM EXPERIENCES AND GLYCEMIC CONTROL PEPTIDE/PROTEIN ANALYSIS FACILITY FUNCTION OF THE INSULIN RECEPTOR SUBSTRATE PP185 | 184,968 237,000 198,571 |
| INSTITUTION TOTAL | 3 | 620,539 | |
| MASSACHUSETTS EYE AND EAR INFIRMARY 1R01 DC01089-01 1R01 DC00824-01A1 | BROWN, M CHRISTIAN MOSCICKI, RICHARD A | DESCENDING SYSTEMS TO THE COCHLEA AND COCHLEAR NUCLEUS IDIOPATHIC SENSORINEURAL HEARING LOSS--DX AND RX | 183,194 122,437 |
| INSTITUTION TOTAL | 2 | 305,631 | |
| MASSACHUSETTS GENERAL HOSPITAL 1R29 NS28735-01A1 1R03 DC01198-01 1P30 HD28138-01 1R01 CA54696-01 1R01 CA59524-01 1S10 RR06352-01 1S10 RR063519-01 1R29 EY09081-01 1R01 CA55290-01 1R01 GM45315-01A1 1R29 GM46467-01 | BERNARDS, ANDRE CAPLAN, DAVID N CROWLEY, WILLIAM F, JR HARLOW, EDWARD E LIANG, T JAKE ORKIN, ROSLYN W PEARLMAN, JUSTIN D SANDELL, JULIE H SYKES, MEGAN SZOSTAK, JACK W WANECK, GERALD L | NEURONAL AND LYMPHOID LTK PROTEIN KINASE LOCALIZATION SYNTACTIC COMPREHENSION BY PET SCANNING REPRODUCTIVE ENDOCRINE SCIENCES CENTER INVESTIGATION OF THE CELLULAR P300 PROTEIN HBV VARIANTS AND HEPATOCELLULAR CARCINOMA CONFOCAL FLUORESCENCE MICROSCOPE PARALLEL SUPERSCALAR PROCESSING SYSTEM FOR NMR RESEARCH ANATOMY OF THE HUMAN INNER NUCLEAR LAYER ACHIEVING THE GRAFT VERSUS LEUKEMIA EFFECT WITHOUT GVHD RIBOZYME-SUBSTRATE INTERACTIONS FUNCTION AND TRAFFICKING OF GPI-ANCHORED MHC-1 MOLECULES | 90,787 42,572 497,764 229,238 164,401 184,500 400,000 15,705 216,045 144,722 118,017 |
| INSTITUTION TOTAL | 11 | 2,103,751 | |
| NEW ENGLAND COLLEGE OF OPTOMETRY 1R01 EY09511-01 | VIMAL, RAM L | SPATIOTEMPORAL CHARACTERISTICS OF VISUAL CHANNELS | 1111,579 |
| INSTITUTION TOTAL | 1 | 111,579 | |
| NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. 1R01 AI30926-01A1 1R01 HL46659-01 1S15 HL47711-01 | LIEBERMAN, JUDY PEREIRA, MIERCIO E STOUT, FRANK G | CYTOLYTIC T CELL RESPONSE TO HIV-1 PATHOBIOLOGY OF THE PNEUMOCYSTIS CARRINII LECTIN SMALL INSTRUMENTATION GRANT | 151,306 234,518 63,283 |
| INSTITUTION TOTAL | 3 | 449,107 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---------------------------------------|-------------------------|--|-----------------|
| MASSACHUSETTS | | | |
| BOSTON | | | |
| TUFTS UNIVERSITY | CROUCH, EDMUND A | ANALYSIS OF THE CBDS DATABASE REGULATION OF FIBRIL-ASSOCIATED COLLAGENS IN CORNEA | 106,077 |
| 1R01 CA50726-01A1 | GORDON, MARION K | | 172,664 |
| 1R01 EY09056-01 | HOCK, JANET M | | 6,750 |
| 1S15 AI32209-01 | RIDER, VIRGINIA C | | 50,000 |
| 1R03 HD28038-01 | RUSSELL, ROBERT M | | 215,101 |
| 1R01 CA49195-01A3 | WORTIS, HENRY H | | 65,214 |
| 1S15 CA56020-01 | | | |
| INSTITUTION TOTAL | 6 | LANGUAGE DEFICIT AND MENTAL STATE KNOWLEDGE IN AUTISM | 615,806 |
| UNIVERSITY OF MASSACHUSETTS AT BOSTON | | | |
| 1R01 DC01234-01 | TAGER-FLUSBERG, HELEN B | | |
| INSTITUTION TOTAL | 1 | | 114,456 |
| CITY TOTAL | 73 | | 11,976,397 |
| CAMBRIDGE | | | |
| ALKERMES, INC. | FRIDEN, PHILLIP M | DELIVERY OF NERVE GROWTH FACTOR TO THE BRAIN | 49,200 |
| 1R43 NS29601-01 | | | |
| INSTITUTION TOTAL | 1 | | 49,200 |
| GENZYME CORPORATION | | | |
| 1R01 HL47120-01 | SMITH, ALAN E | DEVELOPMENT OF CFTR AS A THERAPEUTIC PROTEIN | 266,775 |
| INSTITUTION TOTAL | 1 | | 266,775 |
| HARVARD UNIVERSITY | | | |
| 1R01 CA55148-01 | KISHI, YOSHITO | SYNTHETIC STUDIES TOWARDS TAXOL AND RELATED COMPOUNDS | 70,719 |
| 1S10 RR06716-01 | KISHI, YOSHITO | HIGH RESOLUTION AND ROUTINE SERVICE MASS SPECTROMETERS | 400,000 |
| 1S15 GM47070-01 | KNOWLES, JEREMY R | SMALL INSTRUMENTATION GRANT | 74,188 |
| 1R01 DK44025-01 | PERALTA, ERNEST G | STRUCTURE AND REGULATION OF CHLORIDE ION CHANNELS | 195,652 |
| 1R13 HD26455-01A1 | SNOW, CATHERINE E | CHILDES 91: WORKSHOP ON AUTOMATED TRANSCRIPT ANALYSIS | 17,800 |
| INSTITUTION TOTAL | 5 | | 758,359 |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | | |
| 1R01 DK41641-01A1 | DEEN, WILLIAM M | GLOMERULAR HYPERTENSION AND SIEVING OF MACROMOLECULES | 94,622 |
| 1R01 GM44884-01 | LANGER, ROBERT S | ULTRASONIC POLYMERIC DRUG DELIVERY | 134,593 |
| 1S10 RR06244-01 | LANSBURY, PETER T., JR | MASS SPECTROMETRY | 340,000 |
| INSTITUTION TOTAL | 3 | | 569,215 |

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

| | | | |
|---|--|--|------------------------------|
| MASSACHUSETTS CAMBRIDGE NATIONAL BUREAU OF ECONOMIC RESEARCH 1R01 HL46297-01 | PARENTAEAU, NANCY L | EVALUATING STRATEGIES TO CONTROL HYPERCHOLESTEROLEMIA | 119,040 |
| INSTITUTION TOTAL 1R43 EY09014-01 | 1 | CONSTRUCTION OF A HUMAN CORNEA IN VITRO | 49,710 |
| ORGANOGENESIS INC. 1R43 EY09014-01 | | | |
| INSTITUTION TOTAL 1 | 1 | | 49,710 |
| WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 1S15 HD28756-01 1R01 CA55621-01 1R01 HD28063-01 | JAENISCH, RUDOLF MATSDAIRA, PAUL T RIO, DONALD C | SMALL INSTRUMENTATION GRANT STRUCTURE AND FUNCTION OF MYOSIN I BIOCHEMISTRY OF REGULATED PRE-MRNA SPLICING/DROSOPHILA | 36,899 179,446 161,244 |
| INSTITUTION TOTAL CITY TOTAL | 3 15 | 377,589 2,189,888 | |
| HOPKINTON CREATIVE BIOMOLECULES, INC. 1R43 DE09486-01A1 1R43 CA52323-01A1 1R43 HL46585-01 | CHARRETTE, MARC F HUSTON, JAMES S TAI, MEI-SHENG | GROWTH FACTOR REGENERATION OF PERIODONTAL TISSUE HUMANIZED ANTITUMOR BINDING SITES--FRAMEWORK ENGINEERING SINGLE-CHAIN FV-PEPTIDE FUSION INHIBITOR OF FIBRIN CLOTS | 49,694 50,000 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 149,694 149,694 | |
| LITTLETON MICROWAVE MEDICAL SYSTEMS, INC. 1R43 HL46580-01 1R43 CA52345-01A2 | CARR, KENNETH L GRABOWY, RICHARD S | MICROWAVE DEVICE FOR MYOCARDIAL ABLATION MICROWAVE DEVICE FOR DETECTING AIR EMBOLI | 49,841 49,167 |
| INSTITUTION TOTAL XRE CORPORATION 1R43 HL46578-01 | 2 | 99,008 | |
| INSTITUTION TOTAL CITY TOTAL | 1 3 | 46,000 145,008 | 46,000 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|--|------------------------------|
| MASSACHUSETTS LOWELL UNIVERSITY OF LOWELL 1S15 HL47778-01 | BRUCE, JOHN I | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 | | 5,000 |
| NATICK RESEARCH BIOCHEMICALS, INC. 1R43 GM46605-01 | NEUMEYER, JOHN L | PROBES OF THE IMIDAZOLINE/GUANIDINIUM RECEPTOR | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 | | 50,000 |
| NEWTON BOSTON COLLEGE 1R01 NS27894-01A1 1R29 GM46226-01 1S15 GM47103-01 | BROWNELL, HIRAM H HOFFMAN, CHARLES S ROBERTS, MARY F | THEORY OF MIND DEFICITS IN ADULT STROKE PATIENTS CHARACTERIZATION OF THE S POMBE CAMP SIGNAL PATHWAY SMALL INSTRUMENTATION GRANT | 102,529 115,378 12,706 |
| INSTITUTION TOTAL CITY TOTAL | 3 | | 230,613 |
| PASS DATA SYSTEMS 1R43 HL44280-01A2 | PASS, THEODORE M | HEALTH PROMOTION IN THE ELDERLY: PREVENTION OF CARDIOVAS | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 4 | | 50,000 280,613 |
| SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC. 1R01 NS30386-01 1S15 GM47078-01 | JACKSON, F ROB PEDERSON, THORU | MOLECULAR AND CELLULAR STUDIES OF NEURAL CLOCKS SMALL INSTRUMENTATION GRANT | 236,036 44,211 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | | 280,247 280,247 |
| WALTHAM BRANDEIS UNIVERSITY 1S15 GM47090-01 1R01 GM46237-01 | COHEN, JOEL M WENSINK, PIETER C | SMALL INSTRUMENTATION GRANT SEX-SPECIFIC REGULATION OF TRANSCRIPTION IN DROSOPHILA | 44,832 145,675 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|-----------------------------------|--|------------------|
| MASSACHUSETTS WALTHAM BRANDEIS UNIVERSITY 1R01 NS29826-01 | WHITE, KALPANA P | NEURAL HOMOLOG OF AMYLOID PROTEIN PRECURSOR | 169,418 |
| INSTITUTION TOTAL | 3 | 359,925 | |
| EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION 1S15 NS30113-01 | MC CLUER, ROBERT H | SMALL INSTRUMENTATION GRANT | 27,445 |
| INSTITUTION TOTAL | 1 | 27,445 | |
| MIRA, INC. 1R43 EY09160-01 | BUDD, RONALD | ELECTROCYCLOABLATION--A NEW TREATMENT FOR GLAUCOMA | 49,567 |
| INSTITUTION TOTAL | 1 | 49,567 | |
| CITY TOTAL | 5 | 436,937 | |
| WATERTOWN NEW ENGLAND RESEARCH INSTITUTE, INC. 1R43 CA53068-01A1 | MITCHELL, HERMAN E | MICROCOMPUTER MORTALITY SURVEILLANCE SYSTEM | 48,842 |
| INSTITUTION TOTAL | 1 | 48,842 | |
| RADIATION MONITORING DEVICES, INC. 1R43 ES05687-01 | DE ROCHEMONT, L PIERRE | NOVEL INFRARED FIBER-OPTIC BIOSENSER | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| CITY TOTAL | 2 | 98,842 | |
| WELLESLEY WELLESLEY COLLEGE 1S15 GM47083-01 1R15 HD28173-01 | ALLEN, MARY M LEVITT, ANDREA G | SMALL INSTRUMENTATION GRANT "MOTHERSE" PROSODY AND SPEECH PERCEPTION/PRODUCTION | 5,000 106,029 |
| INSTITUTION TOTAL | 2 | 111,029 | |
| CITY TOTAL | 2 | 111,029 | |
| WOODS HOLE SOCIETY OF GENERAL PHYSIOLOGISTS 1R13 DC01229-01 | COREY, DAVID P | SENSORY TRANSDUCTION--A SYMPOSIUM | 35,201 35,201 |
| INSTITUTION TOTAL | 1 | 1 | |
| CITY TOTAL | | | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|--|---|
| MASSACHUSETTS WORCESTER CAMBRIDGE BIOTECH CORPORATION 1R43 AI30290-01A1 | KENSIL, CHARLOTTE A | RECOMBINANT SUBUNIT VACCINE FOR HUMAN CYTOMEGALOVIRUS | 49,071 |
| INSTITUTION TOTAL | 1 | | 49,071 |
| CLARK UNIVERSITY 1R15 GM44309-01A1 | THURLOW, DAVID L | SYNTHETIC SUBSTRATES FOR NUCLEOTIDYLTRANSFERASE | 105,785 |
| INSTITUTION TOTAL | 1 | | 105,785 |
| UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1R01 DE09841-01 1R01 GM45330-01A1 1R01 A131938-01 1S15 AR41230-01 | BOYD, NORMAN D BROWN, NEAL C GREEN, MICHAEL R MELCHIOR, DONALD L | SIGNAL TRANSDUCTION IN SALIVARY GLAND STRUCTURE OF DNA POLYMERASE III AND ITS HPURA BINDING SI HIV-1 REV PROTEIN--BIOCHEMICAL MECHANISMS SMALL INSTRUMENTATION GRANT | 152,752 194,518 260,595 74,000 |
| INSTITUTION TOTAL | 4 | | 681,865 |
| WORCESTER POLYTECHNIC INSTITUTE 1S15 GM47025-01 1R15 DK43923-01 | ADAMS, DAVID S RULFS, JILL | SMALL INSTRUMENTATION GRANT DIABETES INDUCED CHANGES IN GLYCOGEN SYNTHESIS | 5,000 104,193 |
| INSTITUTION TOTAL | 2 | | 109,193 |
| CITY TOTAL | 8 | | 945,914 |
| STATE TOTAL | 123 | | 17,391,493 |
| MICHIGAN ANN ARBOR MICHIGAN CRITICAL CARE CONSULTANTS, INC. 1R43 HL46613-01 | MONTOYA, JEAN P | LOW HEMOLYSIS BLOOD PUMP WITH INTEGRAL PRESSURE CONTROLS | 50,000 |
| INSTITUTION TOTAL | 1 | | 50,000 |
| UNIVERSITY OF MICHIGAN AT ANN ARBOR 1R01 DK42876-01A1 1S15 CA56021-01 1R01 CA55357-01 1R13 DK44904-01 1R29 AI31436-01 1R01 CA54358-01 1R01 CA56104-01 | BITAR, KHALIL N BOLE, GILES G CAIN, CHARLES A COLLINS, FRANCIS S CROCKETT-TORABI, ELAHE FEINBERG, ANDREW P JUNCK, LARRY | MYOGENIC CONTROL MECHANISMS IN INTERNAL ANAL SPHINCTER SMALL INSTRUMENTATION GRANT ACTIVATION OF ANTI-CANCER AGENTS WITH ULTRASOUND TOWARD NEW THERAPEUTICAL TREATMENTS FOR CYSTIC FIBROSIS FC RECEPTOR DEPENDENT NEUROPHIL ACTIVATION MOLECULAR PATHOLOGY OF WILMS TUMOR RELATED GENES PET GROWTH KINETICS AND NEUROPATHOLOGY OF BRAIN TUMORS | 213,500 86,311 253,911 20,000 109,900 151,308 260,150 |

NIH
RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR

| | | | |
|---|---------|-----------|--|
| MICHIGAN | | | |
| ANN ARBOR | | | |
| UNIVERSITY OF MICHIGAN AT ANN ARBOR | | | |
| 1R01 DK44155-01 KOENIG, RONALD J | 228,716 | | |
| 1R29 CA54521-01 LINDSTEN, TULLIA | 108,111 | | |
| 1R29 AI30924-01A1 MARKOVITZ, DAVID M | 106,930 | | |
| 1S15 CA56001-01 MISTRETTA, CHARLOTTE M | 5,625 | | |
| 1R01 HL46292-01 MOLL, PATRICIA P | 532,687 | | |
| 1S15 ES05831-01 OSBORN, JUNE E | 20,250 | | |
| 1R01 GM45205-01A1 PENNER-HAHN, JAMES E | 137,427 | | |
| 1R13 DE09808-01A1 RAZZOOG, MICHAEL E | 17,950 | | |
| 1R29 DK43470-01 ROTH, MARK S | 109,330 | | |
| INSTITUTION TOTAL | 16 | 2,362,106 | |
| CITY TOTAL | 17 | 2,412,106 | |
| DETROIT | | | |
| HENRY FORD HOSPITAL | | | |
| 1R29 AR40776-01A1 FYHRIE, DAVID P | 95,941 | | |
| 1R01 CA53114-01A1 KIM, JAE H | 190,788 | | |
| 1S15 HL47709-01 SHORE, JOSEPH D | 29,766 | | |
| 1R01 CA52605-01 TILLEY, BARBARA C | 481,413 | | |
| INSTITUTION TOTAL | 4 | 797,908 | |
| WAYNE STATE UNIVERSITY | | | |
| 1S15 ES05848-01 CHOPRA, DHARAM P | 21,781 | | |
| 1S15 CA56011-01 DAMBACH, GEORGE E | 70,151 | | |
| 1R01 CA53106-01A1 HINES, RONALD N | 147,509 | | |
| 1R01 AG09203-01A1 LABOUVIE-VIEF, GISELA | 184,239 | | |
| 1R01 AG08438-01A2 MAJUMDAR, ADHIP N | 108,916 | | |
| 1R01 CA54141-01 ROSEN, BARRY P | 133,648 | | |
| INSTITUTION TOTAL | 6 | 666,241 | |
| CITY TOTAL | 10 | 1,464,149 | |
| EAST LANSING | | | |
| MICHIGAN STATE UNIVERSITY | | | |
| 1S15 AI32214-01 BREDECK, HENRY E | 32,798 | | |
| 1R01 HD27125-01A1 FISHER, RACHEL A | 163,057 | | |
| 1S10 RR06506-01 JACKSON, JAMES E | 112,000 | | |
| 1R01 GM45229-01 KAGUNI, LAURIE S | 150,594 | | |
| 1R01 AI30465-01A1 PAX, RALPH A | 129,405 | | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------------------|--|--------------------|
| MICHIGAN EAST LANSING MICHIGAN STATE UNIVERSITY 1S15 GM47093-01 | NORMAN E ROBINSON, NORMAN E | SMALL INSTRUMENTATION GRANT | 10,910 |
| INSTITUTION TOTAL CITY TOTAL | 6 6 | | 598,764 598,764 |
| HOUGHTON MICHIGAN TECHNOLOGICAL UNIVERSITY 1R15 AR39940-01A2 | NELSON, DAVID A | ANALYSIS OF HYPERTERMIA OF GIANT CELL TUMORS OF BONE | 105,345 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 105,345 |
| KALAMAZOO WESTERN MICHIGAN UNIVERSITY 1R15 DC01122-01 | PINKOWSKI, BEN | FOURIER DESCRIPTIORS FOR SOUND SPECTROGRAMS | 94,749 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 94,749 94,749 |
| YPSILANTI EASTERN MICHIGAN UNIVERSITY 1R15 AI29627-01A1 | VANDENBOSCH, JAMES L | THERMOREGULATION OF SERUM-RESISTANCE IN <i>S. TYPHIMURIUM</i> | 102,575 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 102,575 102,575 |
| STATE TOTAL | 36 | | 4,777,688 |
| MINNESOTA MINNEAPOLIS MEDICAL RESEARCH FOUNDATION, INC. 1S15 GM47102-01 | KEANE, WILLIAM F | SMALL INSTRUMENTATION GRANT | 5,221 |
| INSTITUTION TOTAL | 1 | | |
| UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1S15 AI32198-01 1R01 NR02249-01A2 | BROWN, DAVID M BULL, MARGARET J | SMALL INSTRUMENTATION GRANT TESTING A MODEL FOR HOSPITAL TO HOME TRANSITION | 81,617 199,054 |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

MINNESOTA

MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL
 1S15 AI32196-01 FRANKS, RONALD D
 1R01 EY09065-01 FURCHT, LEO T
 1R01 EY09207-01 GREGERSON, DALE S
 1R01 DK43794-01 IWANIJ, VICTORIA
 1R01 NS28807-01A1 LETOURNEAU, PAUL C
 1S15 HL47775-01 LEYASMEYER, EDITH D
 1R01 GM46436-01 OHLENDORF, DOUGLAS H
 1R29 DK43075-01A1 ROSENBERG, MARK E
 1R01 DK43605-01 STEFFES, MICHAEL W
 1R01 HL44657-01A1 TOBIAN, LOUIS
 1R01 HL42525-01A3 TRACHTE, GEORGE J
 INSTITUTION TOTAL 13 1,751,444
 CITY TOTAL 14 1,756,665

NORTHFIELD CARLETON COLLEGE
 1R15 AR40894-01 TYMOCKO, JOHN L
 INSTITUTION TOTAL 1 109,710
 CITY TOTAL 1 109,710

ROCHESTER MAYO FOUNDATION
 1S15 HL47730-01 PRENDERGAST, FRANKLYN G
 INSTITUTION TOTAL 1 76,539
 CITY TOTAL 1 76,539
 STATE TOTAL 16 1,942,914

MISSISSIPPI HATTIESBURG UNIVERSITY OF SOUTHERN MISSISSIPPI
 1R15 GM46098-01 FAWCETT, NEWTON C
 INSTITUTION TOTAL 1 46,030
 CITY TOTAL 1 46,030

MINNESOTA UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL
 SMALL INSTRUMENTATION GRANT
 TYPE IV COLLAGEN PEPTIDES-RECEPTORS IN CORNEAL FUNCTION
 AUTOIMMUNE UVEORETINITIS - ANTIGEN PRESENTING CELLS
 MOLECULAR & BIOCHEMICAL PROPERTIES OF GLUCAGON RECEPTOR
 NEURONAL PROTEOGLYCANS AND ADHESION TO FIBRONECTIN
 SMALL INSTRUMENTATION GRANT
 STRUCTURAL STUDIES OF DIOXYGENASES
 GENE EXPRESSION IN THE GROWING KIDNEY
 PANCREAS TRANSPLANTATION AND DIABETIC NEUROPATHY
 HOW DOES K REDUCE AND NACI INCREASE HYPERTENSIVE INJURY?
 ATRIAL NATRIURETIC FACTOR AND ADRENERGIC NERVES

109,710

76,539

46,030

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | DOLLARS AWARDED |
|--|------------------------|------------------|
| JACKSON UNIVERSITY OF MISSISSIPPI MEDICAL CENTER 1S15 HL47707-01 | ROCKHOLD, ROBIN W | 30,540 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 30,540 30,540 |

| MISSISSIPPI STATE UNIVERSITY OF MISSISSIPPI STATE UNIVERSITY | CHAMBERS, JANICE E MA, DIN-POW MEAD, KEITH T | SMALL INSTRUMENTATION GRANT STUDY OF THE C REINHARDTII MITOCHONDRIAL GENOME STEREOCONTROLLED APPROACH TO PAMAMYCIN-607 | 6,209 104,510 107,605 |
|--|--|--|-----------------------------|
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 218,324 218,324 | |

| UNIVERSITY OF MISSISSIPPI 1R15 GM44335-01A1 | CLELAND, WALTER E, JR | STRUCTURAL MODELS FOR NICKEL ENZYMES | 106,368 |
|--|-----------------------|--------------------------------------|---------|
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 106,368 106,368 | |
| STATE TOTAL | 6 | 401,262 | |

| MISSOURI COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA | HOOK, REUEL R, JR LEE, DAVID R LIM, ROBERT W PARKER, CHARLOTTE D SHERIDAN, JUDSON D WISE, KIM S | ROLE OF RF-LIKE IGM IN RESISTANCE TO MALARIA PEPTIDE BINDING AND EXPRESSION OF MHC CLASS I MOLECULES GROWTH FACTOR REGULATION OF MUSCLE DIFFERENTIATION PROTEIN CORE FACILITY SMALL INSTRUMENTATION GRANT MOLECULAR GENETIC BASIS OF MYCOPLASMA ANTIGEN VARIATION | 86,223 103,346 82,736 125,000 23,407 125,862 |
|--|--|--|---|
| INSTITUTION TOTAL CITY TOTAL | 6 6 | 546,574 546,574 | |

| KANSAS CITY UNIVERSITY OF MISSOURI-KANSAS CITY 1R15 AR40923-01 | GORSKI, JEFFREY P | IN VIVO/IN VITRO STUDIES OF BONE ACIDIC GLYCOPROTEIN-75 | 108,000 |
|--|-------------------|---|---------|
|--|-------------------|---|---------|

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|---|
| MISSOURI KANSAS CITY UNIVERSITY OF MISSOURI-KANSAS CITY 1S15 GM47074-01 1S10 RR06337-01 1S10 RR06296-01 1R15 GM44071-01A1 | IRIARTE, ANA J KENSLER, ROBERT W MARTINEZ-CARRION, M MORRIS, STEPHEN J | SMALL INSTRUMENTATION GRANT ELECTRON MICROSCOPE FACILITY CENTRAL PROTEIN FACILITY REAL TIME DUAL FLUORESCENCE IMAGING OF LIVING CELLS | 5,000 106,000 92,000 100,388 |
| INSTITUTION TOTAL CITY TOTAL | 5 | 411,388 411,388 | 40,213 |
| SAINT LOUIS JEWISH HOSPITAL OF ST. LOUIS 1S15 HL47731-01 | CROUCH, EDMOND C | SMALL INSTRUMENTATION GRANT | |
| INSTITUTION TOTAL | 1 | 40,213 | |
| ST. LOUIS UNIVERSITY 1R01 AG09188-01A1 1R01 AG09321-01A1 1R01 CA54703-01 1S15 HL47688-01 | BURKE, WILLIAM J FLOOD, JAMES F GREEN, MAURICE LAGUNOFF, DAVID | DEGENERATION--EPINEPHRINE NEURONS IN ALZHEIMER'S DISEASE MODEL OF DEMENTIA--SENECENCE ACCELERATED CELLULAR PROTEINS INVOLVED IN ADENOVIRUS E1A REPRESSION SMALL INSTRUMENTATION GRANT | 56,854 119,041 173,209 47,326 |
| INSTITUTION TOTAL | 4 | 396,430 | |
| WASHINGTON UNIVERSITY 1S15 GM47100-01 1R29 HL46287-01 1R01 DK44074-01 1R01 CA53615-01A1 1R01 GM45948-01 1R01 EY08922-01 1R01 DK43695-01 1R01 AI31473-01 1R01 CA54959-01 1S15 AR41251-01 1R01 DK43020-01A1 1R29 GM45815-01 | ACKERMAN, JOSEPH J FERGUSON, T BRUCE, JR FIEDOREK, FREDERICK T, JR HOLERS, V MICHAEL LOHMAN, TIMOTHY M LUKASIEWICZ, PETER D MUECKLER, MIKE M NAHM, MOON H OLLINGER, JOHN M OSDOBRY, PHILIP A PETERS, MARION G STEINBERG, THOMAS H | SMALL INSTRUMENTATION GRANT ELECTROPHYSIOLOGIC MONITORING OF ALLOGRAFT REJECTION MAPPING AND STRUCTURAL ANALYSIS OF OBESITY GENES ANALYSIS OF C3D/EBV RECEPTOR (CR2) LIGAND BINDING SITES HELICASE - CATALYZED DNA UNWINDING SYNAPTIC TRANSMISSION AND ITS MODULATION IN THE RETINA STRUCTURE AND FUNCTION OF THE GLUCOSE TRANSPORTER HUMAN ANTIBODY RESPONSE TO HAEMOPHILUS INFLUENZAE B MODEL-BASED SCATTER CORRECTION IN PET SMALL INSTRUMENTATION GRANT INTESTINAL IMMUNE RESPONSE IN INFLAMMATORY BOWEL DISEASE ATP-INDUCED GAP JUNCTION POLES IN MACROPHAGES | 37,968 134,670 158,013 67,311 206,510 196,184 141,153 135,839 137,255 7,500 160,237 84,131 |
| INSTITUTION TOTAL CITY TOTAL | 12 17 | 1,466,771 1,903,414 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------|---|------------------|
| INSTITUTION TOTAL | 1 | 95,259 | |
| CITY TOTAL | 1 | 95,259 | |
| STATE TOTAL | 29 | 2,956,635 | |
| MONTANA BOZEMAN MONTANA UNIVERSITY SYSTEM--MONTANA STATE UNIVERSITY 1S15 AI32215-01 DRATZ, EDWARD A | | SMALL INSTRUMENTATION GRANT | 13,335 |
| INSTITUTION TOTAL | 1 | 13,335 | |
| CITY TOTAL | 1 | 13,335 | |
| MISSOULA MONTANA UNIVERSITY SYSTEM--UNIVERSITY OF MONTANA 1S10 RR06356-01 GRANATH, WILLARD O, JR 1S15 AI32183-01 RAYMOND, KATHLEEN C | | ELECTRON MICROSCOPE, SMALL INSTRUMENTATION GRANT | 206,000 5,085 |
| INSTITUTION TOTAL | 2 | 211,085 | |
| CITY TOTAL | 2 | 211,085 | |
| STATE TOTAL | 3 | 224,420 | |
| NEBRASKA BOYS TOWN FATHER FLANAGAN'S BOYS' HOME 1S15 NS30123-01 JESTEADT, WALT | | SMALL INSTRUMENTATION GRANT | 8,457 |
| INSTITUTION TOTAL | 1 | 8,457 | |
| CITY TOTAL | 1 | 8,457 | |
| LINCOLN UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN 1S15 GM47065-01 JONES, CLINTON J 1R29 AI31160-01 WADE, WILLIAM F | | SMALL INSTRUMENTATION GRANT B CHAIN OF I-A: STRUCTURE AND FUNCTION | 15,930 92,073 |
| INSTITUTION TOTAL | 2 | 108,003 | |
| CITY TOTAL | 2 | 108,003 | |

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

GRANT NUMBER

PRINCIPAL INVESTIGATOR

NEBRASKA

OMAHA
CREIGHTON UNIVERSITY
1R13 DE09956-01

BARKMEIER, WAYNE W

INSTITUTION TOTAL 1

CITY TOTAL 5

STATE TOTAL 6

UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER
1S15 GM47073-01 BAUN, MARA M SMALL INSTRUMENTATION GRANT
1R01 NS26479-01A2 HEXUM, TERRY D NEUROPEPTIDE Y MODULATION OF ADRENOMEDULLARY SECRETION
1R01 DK44762-01 HOLLINGSWORTH, MICHAEL A MOLECULAR STUDIES OF MUCIN EXPRESSION IN CYSTIC FIBROSIS
1R01 CA51161-01A2 QUADRI, SYED M LINKER-MODULATED DISTRIBUTION OF RADIOIMMUNOCONJUGATES
1S15 CA55927-01 WALDMAN, ROBERT H SMALL INSTRUMENTATION GRANT

INSTITUTION TOTAL 5

CITY TOTAL 5

STATE TOTAL 5

472,921

516,921

44,000

TITLE OF RESEARCH PROPOSAL

INTERNATIONAL SYMPOSIUM ON ADHESIVES IN DENTISTRY

44,000

RELATEDNESS OF WORLD WIDE AEDES ALBOPICTUS POPULATIONS

30,774

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 10

30,774

664,155

IN UTERO BONE MARROW TRANSPLANTATION

30,774

127,806

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 2

127,806

127,806

BIO-RAD MRC-600 CONFOCAL IMAGING SYSTEM

135,000

INSTITUTION TOTAL 1

CITY TOTAL 2

STATE TOTAL 2

135,000

262,806

262,806

NEW HAMPSHIRE

DURHAM

UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE
1R15 CA54443-01 KANG, JAE O MECHANISM OF DMH-INDUCED CARCINOGENESIS

PAGE 52

115,649

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|--|--------------------|
| NEW HAMPSHIRE DURHAM UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE | TILLINGHAST, EDWARD K WATSON, WINSOR H, III | CHARACTERIZATION OF SPIDER MUCIN & ASSOCIATED COMPOUNDS NEURONAL BASIS OF SWALLOWING BEHAVIOR | 107,377 103,087 |
| INSTITUTION TOTAL | 3 | 326,113 | |
| CITY TOTAL | 3 | 326,113 | |
| | | | |
| HANOVER DARTMOUTH COLLEGE | DIETRICH, ALLEN J VON REYN, CHARLES F | IMPROVED CANCER CONTROL FOR LOW INCOME/MINORITY PATIENTS DISSEMINATED MAC IN AIDS--INTERNATIONAL COLLABORATION | 585,999 657,496 |
| 1R01 CA54300-01 | | | |
| 1R01 AI30373-01A1 | | | |
| INSTITUTION TOTAL | 2 | 1,243,495 | |
| CITY TOTAL | 2 | 1,243,495 | |
| STATE TOTAL | 5 | 1,569,608 | |
| | | | |
| NEW JERSEY LEBANON DIGESTIVE CARE, INC. | SIPOS, TIBOR | PRODUCTION OF URSDIOL FROM TURKEY BILE | 47,030 |
| 1R43 DK44047-01 | | | |
| INSTITUTION TOTAL | 1 | 47,030 | |
| CITY TOTAL | 1 | 47,030 | |
| | | | |
| MADISON DREW UNIVERSITY | STROTHKAMP, KENNETH G | BINUCLLEAR MIXED-METAL DERIVATIVES OF TYROSINASE | 105,916 |
| 1R15 DK41550-01A1 | | | |
| INSTITUTION TOTAL | 1 | 105,916 | |
| CITY TOTAL | 1 | 105,916 | |
| | | | |
| MONMOUTH JUNCTION PRINCETON X-RAY LASER | BLANC, JOSEPH | ATTRACTIVE ATOMIC FORCE MICROSCOPY FOR DNA SEQUENCING | 50,000 |
| 1R43 RR06984-01 | | | |
| INSTITUTION TOTAL | 1 | 50,000 | |
| CITY TOTAL | 1 | 50,000 | |

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

| | | | |
|--|--|---|---------|
| NEW JERSEY | | | |
| NEW BRUNSWICK | RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK | BIOCHEMISTRY AND BIOPHYSICS OF BPTI FOLDING MUTANTS | 134,526 |
| | 1R01 AG10462-01 | SMALL INSTRUMENTATION GRANT | 46,734 |
| | 1S15 GM47045-01 | SMALL INSTRUMENTATION GRANT | 17,034 |
| | 1S15 ES05844-01 | | |
| INSTITUTION TOTAL | 3 | 198,294 | |
| CITY TOTAL | | 198,294 | |
| | | | 16,181 |
| NEWARK | RUTGERS THE STATE UNIVERSITY NEWARK | SMALL INSTRUMENTATION GRANT | |
| | 1S15 NS30133-01 STEIN, DONALD G | | |
| INSTITUTION TOTAL | 1 | 16,181 | |
| UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY | FITZGERALD-BOCARSLY, PATRICIA | ROLE OF INTERFERON-ALPHA IN AIDS PATHOGENESIS | 165,873 |
| 1R01 AI26806-01A3 | GARDNER, JEFFREY P | ALTERED NA+/H+ EXCHANGE IN VASCULAR CELLS FROM SHR | 105,179 |
| 1R29 HL44196-01A2 | HOWELL, ROGER W | RADON LADEN WATER ON MOUSE TESTES | 112,366 |
| 1R29 CA54891-01 | KASINATHAN, CHINNASSWAMY | PROTEIN FATTY ACYLESTERASE IN SALIVARY GLANDS | 121,750 |
| 1R15 DE09874-01 | WELT, CAROL | SMALL INSTRUMENTATION GRANT | 46,226 |
| 1S15 GM47097-01 | | | |
| INSTITUTION TOTAL | 5 | 551,394 | |
| CITY TOTAL | 6 | 567,575 | |
| | | | 780,058 |
| PISCATAWAY | UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-GELINAS, CELINE | ROBERT WOOD JOHNSON MEDICAL SCHOOL | 780,058 |
| 1R29 CA54999-01 | MORRIS, N RONALD | TRANS-ACTING FUNCTION OF THE V- AND C-REL ONCOPROTEINS | 84,117 |
| 1S15 AI32206-01 | RABSON, ARNOLD B | SMALL INSTRUMENTATION GRANT | 51,556 |
| 1R01 CA55487-01 | ROBERTSON, FREDRIKA M | EFFECT OF NFkB AND REL-FAMILY PROTEINS ON HIV EXPRESSION | 208,425 |
| 1R01 CA55211-01 | THOMAS, PAUL E | ROLE OF ADHESION MOLECULES AND CYTOKINES IN TUMOR PROMOT | 151,047 |
| 1R01 GM44982-01A1 | WILSON, PATRICIA D | REGULATION AND FUNCTION OF P450IIIE1 GENE FAMILY ISOZYMES | 161,751 |
| 1R01 DK44833-01 | | ROLE OF NAK-ATPASE AND POLCARITY DEFECTS IN ADPKD CYST F | 123,162 |
| INSTITUTION TOTAL | 6 | 780,058 | |
| CITY TOTAL | 6 | 780,058 | |
| | | | 780,058 |
| PRINCETON | PRINCETON UNIVERSITY JOHN, A MEREDITH | DEMOGRAPHIC DYNAMICS OF CHILDHOOD DISEASES AND MORTALITY | 52,267 |
| | 1R01 HD27044-01A1 LEVINE, ARNOLD J | THE P53 WORKSHOP | 5,000 |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|--|
| NEW JERSEY PRINCETON PRINCETON UNIVERSITY 1R01 CA54819-01 | SEMMLHACK, MARTIN F | FUNCTIONAL ANALOGS OF ENE-DIYNE TOXINS | 113,925 |
| INSTITUTION TOTAL | 3 | 171,192 | |
| CITY TOTAL | 3 | 171,192 | |
| STATE TOTAL | 21 | 1,920,065 | |
| | | | |
| NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE | HJELLE, BRIAN L LOKER, ERIC S OLIVER, JANET M PERRONE-BIZZOZERO, NORA I SCALETTI, JOSEPH V | PREVALENCE AND PATHOLOGIC BURDEN OF HTLV-II INFECTION SMALL INSTRUMENTATION GRANT SPECTROFLUOROMETER TO COMPLETE A FLUORESCENCE CENTER MECHANISMS OF CONTROL OF THE GAP-43 GENE SMALL INSTRUMENTATION GRANT | 115,572 10,401 153,000 92,272 34,379 |
| INSTITUTION TOTAL | 5 | 405,624 | |
| CITY TOTAL | 5 | 405,624 | |
| | | | |
| LOS ALAMOS UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY | PERELSON, ALAN S WOODRUFF, WILLIAM H | MATHEMATICAL MODELS OF IMMUNE NETWORKS INFRARED STUDY OF OXIDASE DYNAMICS | 196,852 249,074 |
| 1R01 RR06555-01 1R01 GM45807-01 | | | |
| INSTITUTION TOTAL | 2 | 445,926 | |
| CITY TOTAL | 2 | 445,926 | |
| STATE TOTAL | 7 | 851,550 | |
| | | | |
| NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF HEALTH | WAGENKNECHT, TERENCE C | STRUCTURE OF CHANNELS IN EXCITATION-CONTRACTION COUPLING | 110,939 |
| 1R01 AR40615-01A1 | | | |
| INSTITUTION TOTAL | 1 | 110,939 | |
| | | | |
| NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH | CENTER FOR LABORATORIES AND RESEARCH | | |
| 1R01 DK41923-01A1 1S15 AI32162-01 | RUDOFSKY, ULRICH H STURMAN, LAWRENCE | DIFFERENTIAL EXPRESSION OF SLE IN NZB/NZW RI MICE SMALL INSTRUMENTATION GRANT | 111,881 31,428 |
| INSTITUTION TOTAL | 2 | 143,309 | |

**NIH
RESEARCH GRANTS**

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

| | | | DOLLARS AWARDED |
|--|---|---|--|
| NEW YORK ALBANY | STATE UNIVERSITY OF NEW YORK AT ALBANY 1R01 CA52541-01A1 1R13 GM46361-01 | BAGLIONI, CORRADO SARMA, RAMASWAMY H | MECHANISMS OF ACTION OF TUMOR NECROSIS FACTOR SEVENTH CONVERSATION: BIOMOLECULAR STEREODYNAMICS 218,917 2,000 |
| INSTITUTION TOTAL | 2 | | 220,917 |
| UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV 1S15 CA56017-01 | JACOBSON, HERBERT I | | HOME HEALTH CARE INTELLIGENT PORTABLE (HIP) WORKSTATION 32,242 |
| INSTITUTION TOTAL | 1 | | 32,242 |
| CITY TOTAL | 6 | | 507,407 |
| AMHERST BIO MED SCIENCES, INC. | 1R43 HL46608-01 | DILLON, MARK E | NOVEL VASCULAR PROSTHETIC DEVICE 50,000 |
| INSTITUTION TOTAL | 1 | | 50,000 |
| NIAGARA SYSTEMS AND SOFTWARE, INC. 1R43 NR02838-01 | ORZECHOWSKI, BEVERLY J | | HOME HEALTH CARE INTELLIGENT PORTABLE (HIP) WORKSTATION 50,000 |
| INSTITUTION TOTAL | 1 | | 50,000 |
| CITY TOTAL | 2 | | 100,000 |
| BUFFALO CANISIUS COLLEGE 1R15 CA54462-01 | KOZIK, MARIUSZ | | NEW CONTRAST AGENTS FOR MAGNETIC RESONANCE IMAGING 96,109 |
| INSTITUTION TOTAL | 1 | | 96,109 |
| NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE 1S15 CA56023-01 | KARR, JAMES P | | INSTITUTE SMALL INSTRUMENTATION GRANT 57,001 |
| INSTITUTION TOTAL | 1 | | 57,001 |
| STATE UNIVERSITY OF NEW YORK AT BUFFALO 1S15 CA55948-01 1R01 CA52800-01A1 1S15 GM47081-01 1R29 GM46539-01 1S10 RR06504-01 | ANDERSON, WAYNE K HANGAUER, DAVID G KOUDELKA, GERALD B MORROW, JANET R NAPOLI, JOSEPH L | | SMALL INSTRUMENTATION GRANT PROTEIN KINASE INHIBITORS SMALL INSTRUMENTATION GRANT ARTIFICIAL RNA RESTRICTION ENZYMES PROTEIN SEQUENCER/MICROBORE HPLC 13,433 178,830 22,035 106,743 128,000 |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| | | |
|---|----------------------------|---|
| NEW YORK | PRINCIPAL INVESTIGATOR | DOLLARS AWARDED |
| BUFFALO | | |
| STATE UNIVERSITY OF NEW YORK AT BUFFALO | | |
| 1S15 AI32199-01 | SPENCE, JOSEPH T | 53,063 |
| SMALL INSTRUMENTATION GRANT | | |
| INSTITUTION TOTAL | 6 | 502,104 |
| CITY TOTAL | 8 | 655,214 |
| COLD SPRING HARBOR | LABORATORY | |
| COLD SPRING HARBOR | BAR-SAGI, DAFNA | MECHANISMS OF SIGNAL TRANSDUCTION BY RAS PROTEINS |
| 1R01 CA55360-01 | GRODZICKER, TERRI I | 241,801 |
| 1R13 GM46427-01 | HERR, WINSHIP | 2,000 |
| 1R13 GM46652-01 | ROBERTS, RICHARD J | 2,000 |
| 1S15 GM47039-01 | STILLMAN, BRUCE W | 37,327 |
| 1R01 GM45436-01A1 | | 180,199 |
| REGULATION OF DNA REPLICATION | | |
| INSTITUTION TOTAL | 5 | 463,327 |
| CITY TOTAL | 5 | 463,327 |
| COOPERSTOWN | HOSPITAL AND CLINICS | |
| MARY IMogene BASSETT | REED, ROBERTA G | SMALL INSTRUMENTATION GRANT |
| 1S15 HL47720-01 | | 8,586 |
| REGULATION OF ASTRINGENT COMPOUNDS | | |
| INSTITUTION TOTAL | 1 | 8,586 |
| CITY TOTAL | 1 | 8,586 |
| ITHACA | ITHACA | |
| CORNELL UNIVERSITY | BRETSCHER, ANTHONY P | LASER SCANNING CONFOCAL MICROSCOPE |
| 1S10 RR06327-01 | LAWLESS, HARRY T | 184,000 |
| 1R01 DC00902-01A1 | LOWE, JACK W | 62,246 |
| 1S15 GM47071-01 | | 67,572 |
| PSYCHOPHYSICS OF ASTRINGENT COMPOUNDS | | |
| INSTITUTION TOTAL | 3 | 313,818 |
| CITY TOTAL | 3 | 313,818 |
| NEW YORK | AMERICAN HEALTH FOUNDATION | BIOMARKERS OF NNK AND NNN METABOLISM IN HUMANS |
| 1R01 ES05787-01 | FOILES, PETER | 138,956 |
| 1S15 CA56015-01 | WYNDER, ERNST L | 34,210 |
| SMALL INSTRUMENTATION GRANT | | |
| INSTITUTION TOTAL | 2 | 173,166 |

NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|--|----------------------------|
| NEW YORK NEW YORK ANATOLE J. SIPIN COMPANY, INC. 1R43 HL46637-01 | SIPIN, A J | VIBRATORY ORBITING BLOOD PUMP | 49,500 |
| INSTITUTION TOTAL | 1 | 49,500 | |
| BETH ISRAEL MEDICAL CENTER 1S15 HL47693-01 | MOSBACH, ERWIN H | SMALL INSTRUMENTATION GRANT | 10,921 |
| INSTITUTION TOTAL | 1 | 10,921 | |
| CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK 1R03 RR06846-01 1S15 HL47786-01 1R01 DC01250-01 | HO, PING-PEI LEVINE, LOUIS TARTTER, VIVIEN C | TIME GATE BALLISTIC IMAGING FOR MAMMOGRAPH SMALL INSTRUMENTATION GRANT AUDITORY FEEDBACK AND SPEECH PRODUCTION | 58,883 16,815 94,827 |
| INSTITUTION TOTAL | 3 | 170,525 | |
| CITY UNIVERSITY OF NEW YORK--GRADUATE SCHOOL AND UNIVERSITY CENTER 1R15 GM46030-01 | LEVINGER, LOUIS F | PROTEINS INVOLVED IN D MELANOGASTER 5S RNA PROCESSING | 126,277 |
| INSTITUTION TOTAL | 1 | 126,277 | |
| CITY UNIVERSITY OF NEW YORK--HERBERT H. LEHMAN COLLEGE 1R15 AR39887-01A2 | DIBENNARDO, ROBERT | AGE RELATED CLOSURE OF THE LUMBOSACRAL VERTEBRAL LAMINAЕ | 119,355 |
| INSTITUTION TOTAL | 1 | 119,355 | |
| CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE 1S15 GM47036-01 1R01 ES05735-01 | DIEM, MAX HENDERSON, ANN S | SMALL INSTRUMENTATION GRANT DOES EXPOSURE OF HUMAN CELLS TO EM FIELDS CAUSE CANCER | 17,389 305,571 |
| INSTITUTION TOTAL | 2 | 322,960 | |
| CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1R01 DK43675-01 1R01 ES05638-01 | MC EVOY, ROBERT C WOLFF, MARY S | NEW BETA CELL-SPECIFIC MEMBRANE PROTEIN RELEVANT TO IDDM DDE AND PCBs AS POTENTIAL CONTRIBUTORS TO BREAST CANCER | 200,682 217,952 |
| INSTITUTION TOTAL | 2 | 418,634 | |
| CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE 1S15 GM47046-01 | MICHELS, CORINNE A | SMALL INSTRUMENTATION GRANT | 7,513 |
| INSTITUTION TOTAL | 1 | 7,513 | |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|------------------------|---|-----------------|
| NEW YORK | | | |
| NEW YORK | | | |
| COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK | | | |
| 1S10 RR06427-01 | CHASIN, LAWRENCE A | MOLECULAR BIOLOGY CORE INSTRUMENTATION FACILITY | 104,000 |
| 1S15 GM47068-01 | FORMICOLA, ALLAN J | SMALL INSTRUMENTATION GRANT | 24,374 |
| 1R01 HG00462-01 | GILLIAM, THOMAS C | CONSTRUCTION OF A FRAMEWORK MAP OF CHROMOSOME 18 | 244,891 |
| 1R01 EY09331-01 | GOLDMAN, JAMES E | LENS PROTEIN ALPHA-CRYSTALLIN B CHAIN | 214,244 |
| 1R01 HG00417-01 | HILGARTNER, STEPHEN | ORGANIZING THE HGI--SOCIAL IMPACT AND TECHNOLOGY DESIGN | 50,486 |
| 1R01 EY09076-01 | HOOD, DONALD C | MEASURE OF HUMAN RECEPTOR AND POST-RECEPTOR ACTIVITY | 151,287 |
| 1R01 EY08750-01A1 | KLEIMAN, NORMAN J | LENS DNA DAMAGE AND REPAIR | 228,593 |
| 1S10 RR06691-01 | MASON, CAROL A | JEM 1200 EX-11 ELECTRON MICROSCOPE | 211,000 |
| 1S15 GM47077-01 | MEISEL, MARTIN | SMALL INSTRUMENTATION GRANT | 57,992 |
| 1R01 GM44901-01A1 | MELESE, TERI | BIOCHEMICAL AND GENETIC ANALYSIS OF NUCLEAR TRANSPORT | 170,556 |
| 1S15 ES05836-01 | SOHN, RICHARD J | SMALL INSTRUMENTATION GRANT | 84,759 |
| 1R01 DK39088-01A3 | WEBER, COLLIN J | MICROENCAPSULATED ISLET XENOGRAFTS IN NOD MICE | 170,439 |
| INSTITUTION TOTAL | 12 | | 1,712,621 |
| CORNELL UNIVERSITY MEDICAL CENTER | | | |
| 1R03 RR06854-01 | SCOTTO, ANTHONY W | GLYCOSYLATED PROTEOLIPOSOMES--A NEW DELIVERY VEHICLE | 54,075 |
| 1S15 HL47697-01 | SISKIND, GREGORY W | SMALL INSTRUMENTATION GRANT | 78,359 |
| 1R01 AI26932-01A3 | SUTHANTHIRAN, MANIKKAM | CYCLOSPORINE: MECHANISMS OF IMMUNOSUPPRESSIVE ACTION | 179,296 |
| 1R01 EY09314-01 | VICTOR, JONATHAN D | NEURAL COMPUTATIONS IN VISUAL CORTEX | 201,502 |
| INSTITUTION TOTAL | 4 | | 513,232 |
| HOSPITAL FOR JOINT DISEASES ORTHOPAEDIC INSTITUTE | | | |
| 1S15 AR41252-01 | WINCHESTER, ROBERT J | SMALL INSTRUMENTATION GRANT | 9,941 |
| INSTITUTION TOTAL | 1 | | 9,941 |
| HOSPITAL FOR SPECIAL SURGERY | | | |
| 1S15 AR41229-01 | WRIGHT, TIMOTHY M | SMALL INSTRUMENTATION GRANT | 16,192 |
| INSTITUTION TOTAL | 1 | | 16,192 |
| MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES | | | |
| 1R01 CA53624-01A1 | CHEUNG, NAI-KONG V | MONOCYTE RHMC SF AND ANTIBODIES IN CANCER TREATMENT | 103,312 |
| 1P01 CA52477-01A1 | HOSKINS, WILLIAM J | EPITHELIAL OVARIAN CANCER PROGRAM PROJECT | 867,989 |
| INSTITUTION TOTAL | 2 | | 971,301 |
| MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH | | | |
| 1R01 GM46330-01 | SHUMAN, STEWART H | VACCINIA VIRUS DNA TOPOISOMERASE I | 174,459 |
| INSTITUTION TOTAL | 1 | | 174,459 |

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|---|---|--|
| NEW YORK NEW YORK MONTEFIORE MEDICAL CENTER 1S15 CA56009-01 1R01 EY08977-01A1 | HATCHER, VICTOR B MILLER, MICHAEL H | SMALL INSTRUMENTATION GRANT INTRAOCULAR ANTIBIOTIC PHARMACOKINETICS | 36,027 179,550 |
| INSTITUTION TOTAL | 2 | 215,577 | |
| NEW YORK ACADEMY OF SCIENCES 1R13 DK43849-01 | TACHE, YVETTE F | INTERNATIONAL CONFERENCE ON GENE-RELATED PEPTIDES | 2,000 |
| INSTITUTION TOTAL | 1 | 2,000 | |
| NEW YORK BLOOD CENTER 1S15 CA56030-01 | NEURATH, A ROBERT | SMALL INSTRUMENTATION GRANT | 18,065 |
| INSTITUTION TOTAL | 1 | 18,065 | |
| NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST RES DEV 1R01 GM40366-01A2 | DESHMUKH, DIWAKAR S | BRAIN PHOSPHOINOSITIDES AND BARBITURATES | 82,240 |
| INSTITUTION TOTAL | 1 | 82,240 | |
| NEW YORK UNIVERSITY 1R01 CA53572-01A1 1P01 CA50529-01A2 1S15 GM47047-01 | NEWCOMB, ELIZABETH W POTMESIL, MILAN STRAND, FLEUR | MOLECULAR BIOLOGY OF B-CELL CHRONIC LYMPHOCYTIC LEUKEMIA DNA TOPoisomerase I-TARGETED THERAPY OF COLONIC CANCER SMALL INSTRUMENTATION GRANT | 152,150 738,152 29,863 |
| INSTITUTION TOTAL | 3 | 920,165 | |
| PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC. 1S15 GM47038-01 | BECK, DAVID P | SMALL INSTRUMENTATION GRANT | 27,591 |
| INSTITUTION TOTAL | 1 | 27,591 | |
| ROCKEFELLER UNIVERSITY 1R22 AI30660-01 1S15 CA55921-01 1R01 HD28047-01 1R01 AI28858-01A2 1R01 AI30556-01A1 | CERAMI, ANTHONY DELEUSE, BETSEY W LEIBEL, RUDOLPH L MENON, ANANT K WRIGHT, SAMUEL D | HEMOGLOBIN CATABOLISM BY PLASMODIUM FALCIPARUM SMALL INSTRUMENTATION GRANT MOLECULAR GENETIC ANALYSIS OF HUMAN OBESITY BIOSYNTHESIS OF MEMBRANE PROTEIN GLYCOLIPID ANCHORS RECOGNITION AND RESPONSES TO ENDOTOXIN | 175,115 76,685 332,741 191,147 212,543 |
| INSTITUTION TOTAL | 5 | 988,231 | |
| ST. JOHN'S UNIVERSITY 1R15 GM44097-01A1 | HIRSHFIELD, IRVIN N | LYSYL-TRNA SYNTHETASE & APXN SYNTHESIS IN E. COLI | 101,465 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|---|---|
| NEW YORK NEW YORK ST. JOHN'S UNIVERSITY 1R01 AG10101-01 | LOCKSHIN, RICHARD A | CELL DEATH IN A HIGH CONNECTIVITYU INVERTEBRATE MODEL | 181,260 |
| INSTITUTION TOTAL | 2 | 282,725 | |
| ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES 1S15 AI32188-01 | LIEBERMAN, SEYMOUR | SMALL INSTRUMENTATION GRANT | 25,593 |
| INSTITUTION TOTAL | 1 | 25,593 | |
| STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1R13 DC01244-01 1S15 HL47739-01 | HALPERN, MIMI N SCHWARZ, RICHARD H | NEUROENTHROLOGY OF CHEMICAL COMMUNICATION--EMERGING MODEL SMALL INSTRUMENTATION GRANT | 17,485 48,561 |
| INSTITUTION TOTAL | 2 | 66,046 | |
| YESHIVA UNIVERSITY 1S10 RR06527-01 1R01 ES05752-01 1R01 EY09300-01 1R01 HD27344-01A1 1S15 GM47060-01 1R29 GM44246-01A2 | ANGELETTI, RUTH H APFEL, STUART C DE PINHO, RONALD A MC CARTON, CECELIA M PURURA, DOMINICK P SEGALL, JEFFREY E | PEPTIDE SYNTHESIS & SEQUENCE - CIRCULAR DICHROISM THE STUDY AND PREVENTION OF DDI AND DDC NEUROPATHY MOLECULAR GENETICS OF LENS AND CATARACT DEVELOPMENT EARLY INTERVENTION FOR LBW INFANTS AGES 6 TO 8 SMALL INSTRUMENTATION GRANT MUTATIONAL ANALYSIS OF AMOEBOID CHEMOTAXIS | 313,000 279,488 217,108 1,302,044 86,100 110,575 |
| INSTITUTION TOTAL | 6 | 2,306,315 | |
| CITY TOTAL | 60 | 9,731,145 | |
| ONEONTA HARTWICK COLLEGE 1R15 HL44564-01A1 | NAGEL, WALTER O | MOLECULAR PROBES FOR STUDIES OF MONOCLONALITY | 78,694 |
| INSTITUTION TOTAL | 1 | 78,694 | |
| CITY TOTAL | 1 | 78,694 | |
| POUGHKEEPSIE VASSAR COLLEGE 1R15 GM45937-01 1S15 AI32201-01 | BRIUST, MICHAEL F NORROD, E PININA | ATTACHMENT SITE RECOGNITION IN PHAGE LAMBDA INTEGRATION SMALL INSTRUMENTATION GRANT | 117,049 5,000 |
| INSTITUTION TOTAL | 2 | 122,049 | |
| CITY TOTAL | 2 | 122,049 | |

**NIH
RESEARCH GRANTS**

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

| | | |
|-------------------------|------------------------|---|
| NEW YORK | PRINCIPAL INVESTIGATOR | |
| ROCHESTER | ABRAHAM, GEORGE N | MOLECULAR RESOURCES FACILITY ENHANCEMENT |
| UNIVERSITY OF ROCHESTER | ATEN, MARILYN J | SMALL INSTRUMENTATION GRANT |
| 1S10 RR06679-01 | JOHNSON, JEAN E | NURSING CARE AND COPING WITH CANCER TREATMENT |
| 1S15 HL47725-01 | KOOL, ERIC T | ANTISENSE BINDING OF HIV-1 BY CIRCULAR OLIGONUCLEOTIDES |
| 1R01 NR02541-01A1 | SCHMITT, MADELINE H | QUALITY OF GERIATRIC TEAM FUNCTIONING |
| 1R01 GM46625-01 | SKUSE, GARY R | MOLECULAR PATHOGENESIS OF TUMORS IN NEUROFIBROMATOSIS |
| 1R01 AG08957-01A1 | TANENHAUS, MICHAEL K | COORDINATING INFORMATION IN SENTENCE PROCESSING |
| 1R29 CA55173-01 | THOMPSON, BRIAN J | SMALL INSTRUMENTATION GRANT |
| 1R01 HD27206-01A1 | WANG, TINGCHUNG | FREEZING STORAGE OF HEART AT HIGH SUBZERO TEMPERATURES |
| 1S15 GM47063-01 | | |
| 1R01 HL45129-01A1 | | |
| INSTITUTION TOTAL | 9 | 1,040,759 |
| CITY TOTAL | | 1,040,759 |

| | | |
|---|---------------------------|--|
| SARANAC LAKE | | |
| TRUDEAU INSTITUTE, INC. | | |
| 1S15 AI32194-01 | NORTH, ROBERT J | SMALL INSTRUMENTATION GRANT |
| INSTITUTION TOTAL | 1 | 8,083 |
| CITY TOTAL | | 8,083 |
| SARATOGA SPRINGS | | |
| SKIDMORE COLLEGE | | |
| 1R15 DC00760-01A1 | POSSIDENTE, BERNARD P, JR | OLFACCTORY BULB ROLE IN A CIRCADIAN SYSTEM |
| INSTITUTION TOTAL | 1 | 97,294 |
| CITY TOTAL | | 97,294 |
| SMITHSTOWN | | |
| QUANTRONIX CORPORATION | | |
| 1R43 CA54670-01 | DROZDOWICZ, ZBIGNIEW | LASER-DIODE-PUMPED FIBER-DELIVERED TM:YLF SURGICAL LASER |
| INSTITUTION TOTAL | 1 | 50,000 |
| CITY TOTAL | | 50,000 |
| STONY BROOK | | |
| STATE UNIVERSITY OF NEW YORK AT STONY BROOK | | |
| 1S15 HL47781-01 | COHEN, JORDAN J | SMALL INSTRUMENTATION GRANT |
| 1R01 GM45247-01A1 | EANES, WALTER F | DETECTING BALANCED SELECTION WITH DNA SEQUENCE VARIATION |

NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|--|---|
| NEW YORK STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1S10 RR06359-01 | IDEN, CHARLES R | LIQUID CHROMATOGRAPH/MASS SPECTROMETER | 260,000 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 438,158 438,158 | |
| SYRACUSE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE 1S15 HL47695-01 | LUCAS, JOHN J | SMALL INSTRUMENTATION GRANT | 44,649 |
| INSTITUTION TOTAL | 1 | 44,649 | |
| SYRACUSE UNIVERSITY AT SYRACUSE 1P01 AG09743-01 1R01 DC00523-01A2 1R01 DC01243-01 1S15 HD28776-01 | BURKHAUSER, RICHARD V CONTURE, EDWARD G VERRILLO, RONALD T WARE, BENJAMIN R | WELLBEING OF THE ELDERLY IN A COMPARATIVE CONTEXT STUTTERING AND DISORDERED PHONOLOGY IN YOUNG CHILDREN AGING EFFECTS ON VIBROTACTILE SENSATION SMALL INSTRUMENTATION GRANT | 423,958 164,620 260,283 30,517 |
| INSTITUTION TOTAL CITY TOTAL | 4 5 | 879,378 924,027 | |
| TROY RENNSELAER POLYTECHNIC INSTITUTE 1S15 GM47086-01 | NEWELL, JONATHAN C | SMALL INSTRUMENTATION GRANT | 13,480 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 13,480 13,480 | |
| UNIONDALE ONCOGENE SCIENCE, INC. 1R43 HL46623-01 1R43 CA55438-01 1R43 DK44056-01 | CASE, CASEY C HALEY, JOHN D HALEY, JOHN D | TRANSCRIPTIONAL INHIBITION OF THE SCAVENGER RECEPTOR TRANSCRIPTIONAL CONTROL OF THE EGF RECEPTOR GENE DEVELOPMENT OF GROWTH HORMONE RELEASING FACTOR AGONISTS | 40,320 49,313 44,919 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 134,552 134,552 | |
| UPTON ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY 1S15 NS30127-01 | SETLOW, RICHARD B | SMALL INSTRUMENTATION GRANT | 28,349 |
| INSTITUTION TOTAL | 1 | | |
| | | PAGE | 63 |

NIH RESEARCH GRANTS

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR _____
TITLE OF RESEARCH PROPOSAL _____

PRINCIPAL INVESTIGATOR
CITY TOTAL 1 28,349

| | | | |
|---------------------|----------------------|--------|--------|
| NEW YORK | | | |
| UTICA | | | |
| SYRACUSE UNIVERSITY | UTICA COLLEGE | | |
| 1R15 GM4596-01 | AARONSON, LAWRENCE R | | |
| | | 92,423 | 92,423 |
| | INSTITUTION TOTAL | 1 | 1 |
| | CITY TOTAL | | |

| | | | |
|-------------------|--------------------------|----------------|---------|
| ALHALLA | NEW YORK MEDICAL COLLEGE | JEN W | 273,018 |
| | 1R01 CA53628-01A1 | CHIAO, | |
| | 1R29 EY09112-01 | LERA, CONNIE L | |
| INSTITUTION TOTAL | | | 2 |
| CITY TOTAL | | | 2 |

STATE TOTAL 116 15,080,383

NORTH CAROLINA

| | | | | | | | | | | | | | | | | | | |
|--------|--------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 24,410 | 81,423 | 119,932 | 140,031 | 166,175 | 133,219 | 179,325 | 12,702 | 393,290 | 151,000 | 168,000 | 124,265 | 188,682 | 802,529 | 417,834 | 214,089 | 139,776 | 157,197 | 95,505 |
|--------|--------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|

INSTITUTION TOTAL 19 3,709,384

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

CITY TOTAL

19

3,709,384

**NORTH CAROLINA
DURHAM**

DUKE UNIVERSITY
 1S15 GM47043-01
 1R01 CA56115-01
 1R13 AG09782-01
 1R01 AG09216-01
 1R01 GM46225-01
 1S10 RR06692-01
 1S10 RR06708-01
 1S15 HL47779-01
 1R29 HL46283-01
 1R01 DK42923-01A1
 1R01 DK43106-01A1
 1R01 DK44072-01
 1R01 NS29416-01
 ARGON, JUDITH K
 BIGNER, DARELL D
 COHEN, HARVEY J
 CRAIN, BARBARA J
 ENDOW, SHARYN A
 LEFURGEY, EDORIS A
 MC INTOSH, THOMAS J
 SNYDERMAN, RALPH
 SUAREZ, EDWARD C
 SURWIT, RICHARD S
 SURWIT, RICHARD S
 TAYLOR, IAN L
 VANCE, JEFFERY M

INSTITUTION TOTAL

13

1,759,361

ENZYME TECHNOLOGY RESEARCH GROUP, INC.
 1R43 ES05742-01
 ZHAO, JUNGUO

INSTITUTION TOTAL

CITY TOTAL

1

50,000

1,809,361

50,000

GREENSBORO
 UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT GREENSBORO
 1R01 HD27176-01
 MORRISON, FREDERICK J

INSTITUTION TOTAL

CITY TOTAL

1

98,822

98,822

INSTITUTION TOTAL

CITY TOTAL

1

14,330

14,330

98,822

98,822

GREENVILLE
 UNIVERSITY OF NORTH CAROLINA SYSTEM--EAST CAROLINA UNIVERSITY
 1S15 HL47713-01
 HALLOCK, JAMES A

INSTITUTION TOTAL

CITY TOTAL

1

14,330

14,330

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

NORTH CAROLINA
RALEIGH
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH
1S15 ES05834-01

19,209

SMALL INSTRUMENTATION GRANT

INSTITUTION TOTAL 1
CITY TOTAL 1

RESEARCH TRIANGLE PARK
RAO ENTERPRISES, INC.--INTEGRATED LABORATORY SYSTEMS
1R43 ES05381-01

50,000

MECHANISMS - MICRONUCLEI INDUCTION IN MARROW

INSTITUTION TOTAL 1
CITY TOTAL 1

WINSTON-SALEM
WAKE FOREST UNIVERSITY
1R01 HL46409-01
1R29 AI30142-01A1
1S10 RR06705-01
1S15 HL47772-01
1R01 AG09827-01

ADAMS, MICHAEL R
BAULDY, SUE A
LEWIS, JON C
PENRY, J KIFFIN
WEAVER, DAVID S

ORAL CONTRACEPTION AND ATHEROSCLEROSIS
PHYSIOLOGIC PHOSPHOLIPASE A2 ACTIVATION IN NEUTROPHILS
SCANNING ELECTRON MICROSCOPE
SMALL INSTRUMENTATION GRANT
ANABOLIC STEROID EFFECTS ON BONE AND ARTERIES

INSTITUTION TOTAL 5
CITY TOTAL 5
STATE TOTAL 42

1,095,079
1,095,079

6,796,185

NORTH DAKOTA
FARGO
NORTH DAKOTA STATE UNIVERSITY
1S15 GM47031-01

5,000

SMALL INSTRUMENTATION GRANT

INSTITUTION TOTAL 1
CITY TOTAL 1
STATE TOTAL 1

5,000

OHIO
AKRON
UNIVERSITY OF AKRON
1R15 GM44341-01A1

104,482

INSTITUTION TOTAL 1
WESDEMIOTIS, CHRYS
MASS SPECTROMETRY OF FREE RADICALS

PAGE 66

PAGE

5,000

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

93,648

GRANT NUMBER

PRINCIPAL INVESTIGATOR

CITY TOTAL

1

104,482

93,648

**OHIO
BOWLING GREEN
BOWLING GREEN STATE UNIVERSITY AT BOWLING GREEN
1R15 CA52286-01A1 SCOVELL, WILLIAM M**

INSTITUTION TOTAL

1

93,648

93,648

21,000

**CINCINNATI
CHILDREN'S HOSPITAL MEDICAL CENTER
1S15 HL47701-01 SCHUBERT, WILLIAM K**

INSTITUTION TOTAL

1

21,000

21,000

**169,799
93,999**

CHARACTER AND ROLE OF HMG 1,2-DNA INTERACTIONS

93,648

**CHRIST HOSPITAL -- JAMES N. GAMBLE INSTITUTE OF MEDICAL RESEARCH
1S15 AI32191-01 BERNSTEIN, DAVID I
1R01 GM45356-01A1 BJORNSEN, ANN B
1R29 GM46324-01 SOMERS, SCOTT D**

INSTITUTION TOTAL

3

268,789

**172,540
203,246
195,000
107,800
75,386
17,498
33,996**

**CHLORIDE CHANNELS AND GASTRIC ACID SECRETION
REGULATION OF CA2+ HOMEOSTASIS IN SKELETAL MUSCLE
CONFOCAL MICROSCOPE IMAGING SYSTEM
IMMUNOCHEMICAL MODULATION OF METABOLIC HOMEOSTASIS
SMALL INSTRUMENTATION GRANT
SMALL INSTRUMENTATION GRANT
DUAL-WAVELENGTH ACCESSORY FOR SIMULTANEOUS PDT AND HYPER**

**172,540
203,246
195,000
107,800
75,386
17,498
33,996**

**UNIVERSITY OF CINCINNATI AT CINCINNATI
1R01 DK43816-01 CUPPOLETTI, JOHN
1R01 AR41309-01 DEDMAN, JOHN R
1S10 RR06607-01 GESTELAND, ROBERT C
1R15 AI31232-01 GRUND, VERNON R
1S15 HL47762-01 HUTTON, JOHN J JR
1S15 CA55981-01 KANEISHIRO, EDNA S
1R03 RR06953-01A1 STEWART, BOB W**

INSTITUTION TOTAL

7

805,466

1,095,255

**28,704
793,324
177,749
199,730
143,790**

**SMALL INSTRUMENTATION GRANT
CELLULAR AND MOLECULAR PATHOLOGY OF ALZHEIMER DISEASE
GUT-SPECIFIC GENES OF SIMULIUM
ANTI-COAGULANT THERAPY IN OLDER PATIENTS
STRUCTURE/FUNCTION STUDIES WITH HIV RIBONUCLEASE H**

**CLEVELAND
CASE WESTERN RESERVE UNIVERSITY
1S15 GM67067-01 CULLIS, CHRISTOPHER
1R35 AG08992-01 GAMBIETTI, PIERLUIGI
1R01 AI31478-01 JACOBS-LORENA, MARCELO
1R01 AG09657-01 LANDEFELD, C SETH
1R01 GM46623-01 LE GRICE, STUART F**

**NIH
RESEARCH GRANTS**

GRANT NUMBER **PRINCIPAL INVESTIGATOR**

**DOLLARS
AWARDED**

| TITLE OF RESEARCH PROPOSAL | | DOLLARS AWARDED |
|---|-----------------------|--|
| OHIO | | |
| CLEVELAND CASE WESTERN RESERVE UNIVERSITY | PECKHAM, PAUL H | 191,578 |
| 1R01 NS29549-01 | PHILLIPS, NELSON B | 98,463 |
| 1R29 AI30497-01A1 | TARTAKOFF, ALAN M | 161,395 |
| 1R01 GM46569-01 | WONDISFORD, FREDRIC E | 23,949 |
| 1R29 DK43653-01 | ZULL, JAMES E | 128,001 |
| INSTITUTION TOTAL | 10 | 1,946,683 |
| CLEVELAND CLINIC FOUNDATION | BANERJEE, AMIYA K | |
| 1S15 HL47704-01 | | 44,095 |
| INSTITUTION TOTAL | 1 | 44,095 |
| CLEVELAND STATE UNIVERSITY | | |
| 1R15 AI29591-01A1 | JARROLL, EDWARD L | SYNTHESIS OF N-ACETYLGLACTOSAMINE IN ENCYSTING GIARDIA |
| INSTITUTION TOTAL | 1 | 90,604 |
| CITY TOTAL | 12 | 2,081,382 |
| COLUMBUS CHILDREN'S HOSPITAL | MORROW, GRANT, III | |
| 1S15 CA56013-01 | | SMALL INSTRUMENTATION GRANT |
| INSTITUTION TOTAL | 1 | 10,084 |
| OHIO STATE UNIVERSITY | | |
| 1S15 CA56000-01 | CORNWELL, DAVID G | SMALL INSTRUMENTATION GRANT |
| 1R01 DK43886-01 | COSIO, FERNANDO G | ADHESION OF HUMAN GLOMERULAR CELL TO MATRIX |
| 1R01 ES05727-01 | D'AMBROSIO, STEVEN M | GENOTOXIC MODULATION--HUMAN LIVER CELL DIFFERENTIATION |
| 1S15 AI32185-01 | DEWILLE, JAMES W | 165,924 |
| 1R29 HL41366-01A2 | DRINSKY, PAUL M | 5,689 |
| 1R29 GM46218-01 | HAI, TSONWIN | 109,744 |
| 1R01 AG10173-01 | SARTER, MARTIN F | 81,339 |
| 1S15 HL47753-01 | SHERIDAN, JOHN F | 114,913 |
| 1S15 HL47756-01 | SHERIDAN, MARY E | 10,208 |
| INSTITUTION TOTAL | 9 | 694,940 |
| CITY TOTAL | 10 | 705,024 |
| DAYTON UNIVERSITY OF DAYTON | FINE, MARK A | |
| 1R15 HD28198-01 | | WORK/FAMILY ROLES AND CHILD ADJUSTMENT IN STEPFAMILIES |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

PRINCIPAL INVESTIGATOR

GRANT NUMBER

INSTITUTION TOTAL

49,571

**OHIO
DAYTON**
WRIGHT STATE UNIVERSITY
1R15 NR02768-01
1S15 AR41238-01

EVANS, JANE C
PUTNAM, ROBERT W

INSTITUTION TOTAL
CITY TOTAL

INSTITUTION TOTAL
CITY TOTAL

99,988

149,559

GRANVILLE

DENISON UNIVERSITY

FUSON, MICHAEL M

INSTITUTION TOTAL
CITY TOTAL

81,686

81,686

TITLE OF RESEARCH PROPOSAL

LOW BIRTH WEIGHT INFANT RESPONSES TO ROUTINE CAREGIVING
SMALL INSTRUMENTATION GRANT

81,686

OXFORD
MIAMI UNIVERSITY OXFORD
1R15 AG09020-01

CALLAHAN, PHYLLIS A

COX, JAMES A

GUNG, BENJAMIN W

LEE, RICHARD E, JR

INSTITUTION TOTAL
CITY TOTAL

344,526

344,526

AGE RELATED CHANGES IN PITUITARY LACTOTROPHS
MEMBRANE-BASED PRECONCENTRATORS FOR BIOMOLECULES
ACYCLIC STEREOCONTROL BY DOUBLE ASYMMETRIC SYNTHESIS
PHYSIOLOGICAL MECHANISMS OF VERTEBRATE FREEZE TOLERANCE

ROOTSTOWN
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE

1S15 HL47763-01 DICARLO, STEPHEN E

6,056

INSTITUTION TOTAL
CITY TOTAL

6,056

6,056

6,056

TOLEDO
MEDICAL COLLEGE OF OHIO AT TOLEDO
1R01 GM42647-01A3 APPERT, HUBERT E
1R01 HL45554-01 HUANG, WU-HSIUNG
1S15 NS30111-01 STANDAERT, FRANK G

INSTITUTION TOTAL

3

360,544

STRUCTURE-FUNCTION STUDIES OF GALACTOSYLTRANSFERASE
CARDIAC SODIUM PUMP--INTERACTIONS WITH OXIDANTS
SMALL INSTRUMENTATION GRANT

152,364
182,541
25,639

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------|--|-----------------|
| OHIO | | | |
| TOLEDO | | | |
| UNIVERSITY OF TOLEDO | | | |
| 1S15 GM47079-01 | FUNK, MAX O | SMALL INSTRUMENTATION GRANT | 5,000 |
| 1S15 NS30121-01 | MESSER, WILLIAM S, JR | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL | 2 | 10,000 | |
| CITY TOTAL | 5 | 370,544 | |
| STATE TOTAL | 49 | 5,032,162 | |
| OKLAHOMA | | | |
| NORMAN | | | |
| UNIVERSITY OF OKLAHOMA | NORMAN | SMALL INSTRUMENTATION GRANT | 9,805 |
| 1S15 GM47104-01 | JOHNSON, ARTHUR E | | |
| INSTITUTION TOTAL | 1 | 9,805 | |
| CITY TOTAL | 1 | 9,805 | |
| OKLAHOMA CITY | | | |
| OKLAHOMA MEDICAL RESEARCH FOUNDATION | | AGE INFLUENCE ON ISCHEMIA REPERFUSION IN BRAIN | 147,348 |
| 1R01 AG09690-01 | FLOYD, ROBERT A | | 63,784 |
| 1R01 AI31584-01 | HARLEY, JOHN B | | 29,000 |
| 1S15 AR41246-01 | THURMAN, WILLIAM G | | |
| INSTITUTION TOTAL | 3 | 240,132 | |
| UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER | | SMALL INSTRUMENTATION GRANT | 32,145 |
| 1S15 HL47737-01 | BRANDT, EDWARD N, JR | COUPLES' INFERTILITY: RACIAL AND SOCIOECONOMIC CONTEXT | 105,812 |
| 1R15 NR02719-01 | PHIPPS, SU AN | | 10,678 |
| 1S15 HL47712-01 | YANCHICK, VICTOR A | SMALL INSTRUMENTATION GRANT | |
| INSTITUTION TOTAL | 3 | 148,635 | |
| CITY TOTAL | 6 | 388,767 | |
| STILLWATER | | | |
| OKLAHOMA STATE UNIVERSITY | STILLWATER | SMALL INSTRUMENTATION GRANT | 6,208 |
| 1S15 ES05833-01 | BLAIR, JAMES B | ARACHIDONATE METABOLISM IN TICK SALIVARY GLANDS | 124,409 |
| 1R01 AI31460-01 | SAUER, JOHN R | | |
| INSTITUTION TOTAL | 2 | 130,617 | |
| CITY TOTAL | 2 | 130,617 | |
| STATE TOTAL | 9 | 529,189 | |

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|---|--|
| OREGON BEAVERTON OREGON GRADUATE INSTITUTE OF SCIENCE AND TECHNOLOGY 1S15 AI32195-01 | LOEHR, THOMAS M | SMALL INSTRUMENTATION GRANT | 5,036 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 5,036 |
| CORVALLIS OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY 1S15 AI32216-01 1R01 ES05783-01 | BAYNE, CHRISTOPHER J KAATTARI, STEPHEN L | SMALL INSTRUMENTATION GRANT MECHANISMS OF CARCINOGEN-INDUCED IMMUNE DYSFUNCTION | 35,602 111,384 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | | 146,986 |
| EUGENE OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1S15 HL47727-01 | MOSELEY, JOHN T | SMALL INSTRUMENTATION GRANT | 41,122 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 41,122 |
| PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1R01 DK43859-01 1R29 LM05307-01 1S15 NS30119-01 1R01 AG08714-01A2 1R01 CA56159-01 1R01 HD27233-01A1 1R01 AR40741-01A1 | CONE, ROGER D HERSH, WILLIAM R KENDALL, JOHN W OKEN, BARRY S PEREDNIA, DOUGLAS A WILKINSON, MILES F ZONANA, JONATHAN | MOLECULAR ETIOLOGY OF GRAVES DISEASE SAPHIRE: A CONCEPT-BASED APPROACH TO INFO RETRIEVAL SMALL INSTRUMENTATION GRANT AGE-RELATED CHANGES IN ALERTNESS AND VISUAL PROCESSING MELANOMA SCREENING BY COMPUTER DETECTION OF SKIN CHANGES PEM-A NOVEL GENE EXPRESSED IN EMBRYOS AND TUMOR CELLS ECTODERMAL DYSPLASIAS A MOLECULAR GENETIC ANALYSIS | 122,162 91,537 66,502 90,646 306,259 133,988 141,255 |
| INSTITUTION TOTAL CITY TOTAL | 7 7 | | 952,349 |
| OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY 1R01 AG08273-01A1 | MORGAN, DAVID L | CHANGE OVER TIME IN THE SOCIAL NETWORKS OF RECENT WIDOWS | 142,230 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 142,230 |
| SISTERS OF PROVIDENCE--PROVIDENCE MEDICAL CENTER 1S15 HL47788-01 | HERMSMEYER, R KENT | SMALL INSTRUMENTATION GRANT | 7,240 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 7,240 |

NIH RESEARCH GRANTS

DOLLARS AWARDED

| GRANT NUMBER | | PRINCIPAL INVESTIGATOR | | TITLE OF RESEARCH PROPOSAL | |
|-------------------|----|------------------------|-----------|----------------------------|-------|
| CITY TOTAL | 9 | | 1,101,819 | | |
| STATE TOTAL | 13 | | 1,294,963 | | |
| INSTITUTION TOTAL | | 1 | | | 5,000 |
| CITY TOTAL | | 1 | | | 5,000 |

PENNSYLVANIA
BETHLEHEM
LEHIGH UNIVERSITY
1S15 HD28746-01

BEHE, MICHAEL J

SMALL INSTRUMENTATION GRANT

97,205
34,482

00,503

7,828
04:908

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|---|
| PENNSYLVANIA DANVILLE GEISINGER FOUNDATION--WEIS CENTER FOR RESEARCH OF THE GEISINGER CLINIC 1R29 GM46395-01 | KRUPINSKI, JOHN | STRUCTURAL DIVERSITY IN THE ADENYLYL CYCLASE FAMILY | 103,643 |
| INSTITUTION TOTAL CITY TOTAL | 1 3 | 103,643 216,379 | |
| HERSHEY PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER 1R29 NS29363-01 1R01 CA53445-01A1 1S15 HL47749-01 1R01 HD26636-01A2 1R01 DK44070-01 1R01 DK43871-01 | ALLOWAY, KEVIN D CHORNEY, MICHAEL J EVARTS, C MC COLLISTER KULIN, HOWARD E LANOUE, KATHRYN F QUINN, PATRICK G | SOMATOSENSORY THALAMOCORTICAL INTERACTIONS THYMUS LEUKEMIA GENES AND ANTIGENS SMALL INSTRUMENTATION GRANT SEX HORMONE REPLACEMENT THERAPY & ADOLESCENT BEHAVIOR TRANSMEMBRANE SIGNALLING IN GENETIC OBESITY MOLECULAR ENDOCRINOLOGY OF PEPCK GENE REGULATION BY CAMP | 115,120 158,576 53,332 201,562 194,780 179,258 |
| INSTITUTION TOTAL CITY TOTAL | 6 6 | 902,628 902,628 | |
| HUNTINGDON VALLEY IMMUNICON CORPORATION 1R43 GM45658-01A1 1R43 HL46073-01 | LIBERTI, PAUL A LIBERTI, PAUL A | BIOPROCESSING USING BIO RECEPTOR FERROFLUIDS AND HGMS BIOPROCESSING CELLS FROM BLOOD USING BR-FF AND HGMS | 50,000 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 100,000 100,000 | |
| MALVERN ZYNAXIS CELL SCIENCE, INC. 1R43 HL46626-01 | KOPIA, GREGORY A | ZYNNEPTIDES AS MODULATORS OF RESPONSES TO BIOMATERIALS | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 50,000 50,000 | |
| MEADVILLE ALLEGHENY COLLEGE 1R15 NS29520-01 | LINDGREN, CLARK A | PRESYNAPTIC MECHANISMS OF NEUROTRANSMITTER RELEASE | 100,095 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 100,095 100,095 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|----------------------------|
| PENNSYLVANIA PHILADELPHIA ALBERT EINSTEIN MEDICAL CENTER 1S15 HL47694-01 | MILLER, BARRY | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL | 1 | | 5,000 |
| CHILDREN'S HOSPITAL OF PHILADELPHIA 1P50 HG00425-01 1S15 HL47718-01 | EMANUEL, BEVERLY S SURREY, SAUL | HUMAN GENOME CENTER FOR CHROMOSOME 22 SMALL INSTRUMENTATION GRANT | 1,966,890 44,369 |
| INSTITUTION TOTAL | 2 | | 2,011,259 |
| DREXEL UNIVERSITY 1S15 GM47058-01 1R01 DE09848-01 | JARON, DOV WEI, YEN | SMALL INSTRUMENTATION GRANT SYNTHESIS OF MOLECULAR COMPOSITES NOVEL DENTAL MATERIALS | 8,633 123,251 |
| INSTITUTION TOTAL | 2 | | 131,884 |
| FOX CHASE CANCER CENTER 1R29 GM47466-01 1R13 CA54434-01 1S15 CA56024-01 | JAISWAL, ANIL K TSICHLIS, PHILIP N YOUNG, ROBERT C | REGULATION OF NAD(P)H--QUINONE OXIDOREDUCTASES THIRD WORKSHOP ON THE PATHOGENESIS BY NON-ACTE RETROIR SMALL INSTRUMENTATION GRANT | 116,316 7,500 33,356 |
| INSTITUTION TOTAL | 3 | | 157,172 |
| FOX CHASE CANCER CENTER--INSTITUTE FOR CANCER RESEARCH 1S15 AI32175-01 | YOUNG, ROBERT C | SMALL INSTRUMENTATION GRANT | 42,255 |
| INSTITUTION TOTAL | 1 | | 42,255 |
| GRADUATE HEALTH SYSTEM--GRADUATE HOSPITAL 1S15 HL47691-01 1R01 NS28813-01A1 | COX, ROBERT H SAYKIN, ANDREW J | SMALL INSTRUMENTATION GRANT NEUROBEHAVIORAL OUTCOME OF TEMPORAL LOBECTOMY | 9,016 178,759 |
| INSTITUTION TOTAL | 2 | | 187,775 |
| HAHNEMANN UNIVERSITY 1S15 AI32205-01 | WOLLMAN, HARRY | SMALL INSTRUMENTATION GRANT | 23,600 |
| INSTITUTION TOTAL | 1 | | 23,600 |
| MEDICAL COLLEGE OF PENNSYLVANIA 1R01 AG09839-01 1R01 DC00969-01A1 | ROSS, ALTA C STEFANATOS, GERRY A | NUTRITION AND AGING--VITAMIN A AND IMMUNE FUNCTIONS NEUROPHYSIOLOGICAL STUDY--LANGUAGE DISORDERS IN CHILDREN | 171,763 129,934 |
| INSTITUTION TOTAL | 2 | | 301,697 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|---|---|
| PENNSYLVANIA PHILADELPHIA MONELL CHEMICAL SENSES CENTER 1S15 NS30124-01 1R01 DC01228-01 | BEAUCHAMP, GARY K KALINOSKI, DARLINE L | SMALL INSTRUMENTATION GRANT CHARACTERIZATION OF IP3 RECEPTORS IN OLFACTORY CILIA | 16,153 113,942 |
| INSTITUTION TOTAL | 2 | | 130,095 |
| PENNSYLVANIA COLLEGE OF OPTOMETRY 1R03 EY09287-01 | CINER, ELISE | ENHANCING STEREOTESTING IN CHILDREN FROM 6 MONTHS TO 5 | 33,176 |
| INSTITUTION TOTAL | 1 | | 33,176 |
| PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE 1R15 ES05656-01 | PROZIALECK, WALTER C | MECHANISMS OF CADMIUM TOXICITY IN LLC-PK1 CELLS | 1,880 |
| INSTITUTION TOTAL | 1 | | 1,880 |
| PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE 1R15 HL40568-01A3 1R15 GM44296-01A1 | SNOW, JULIAN W TARLOFF, JOAN B | CHOLESTERYL ESTER FLUIDITY IN ATHEROSCLEROSIS RESEARCH ROLE OF CYTOCHROMES P450 IN ACETAMINOPHEN NEPHROTOXICITY | 105,920 85,532 |
| INSTITUTION TOTAL | 2 | | 191,452 |
| PHILADELPHIA GERIATRIC CENTER-FRIEDMAN HOSPITAL OF HOME FOR JEWISH AGED 1R01 AG09752-01 | WOODRUFF-PAK, DIANA S | AGING, CLASSICAL CONDITIONING, AND MEMORY SYSTEMS | 131,303 |
| INSTITUTION TOTAL | 1 | | 131,303 |
| PRESBYTERIAN MEDICAL CENTER OF PHILADELPHIA 1S15 HL47752-01 | SANTAMORE, WILLIAM P | SMALL INSTRUMENTATION GRANT | 11,974 |
| INSTITUTION TOTAL | 1 | | 11,974 |
| TEMPLE UNIVERSITY 1P50 HL45486-01 1S15 GM47042-01 1S15 HL47742-01 1R01 DK42890-01A1 1R01 CA52500-01A1 | COLMAN, ROBERT W HILLMAN, RALPH MYERS, ALLEN R RUGGIERI, MICHAEL R SCHWARTZ, ARTHUR G | SCOR IN THROMBOSIS SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT ANTIBACTERIAL DEFENSE FACTORS OF URINARY BLADDER MUCOSA CHEMOPREVENTION OF SKIN TUMORS BY DHEA ANALOGS | 1,104,747 12,001 56,792 148,475 131,864 |
| INSTITUTION TOTAL | 5 | | 1,453,879 |
| THOMAS JEFFERSON UNIVERSITY 1S15 HL47787-01 | GONNELLA, JOSEPH S | SMALL INSTRUMENTATION GRANT | 65,084 |
| INSTITUTION TOTAL | 1 | | 65,084 |

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR

PENNSYLVANIA
PHILADELPHIA UNIVERSITY CITY SCIENCE CENTER

1R13 AR40831-01 KEFALIDES, NICHOLAS A
1S15 HL47750-01 KEFALIDES, NICHOLAS A

INSTITUTION TOTAL 2

UNIVERSITY OF PENNSYLVANIA
1S15 HL47768-01 ASBURY, ARTHUR K
1S15 AI32189-01 AVADHANI, NARAYAN G
1S10 RR06260-01 AXEL, LEON
1R01 HD28410-01 BUCAN, MARIJA
1S15 GM47033-01 COOPERMAN, BARRY S
1R01 AG09900-01 EBERWINE, JAMES
1R01 CA54384-01 GEWIRTZ, ALAN M
1R01 AI31537-01 GOLDFINE, HOWARD
1R01 DK43806-01 LAZAR, MITCHELL A
1S15 NS30118-01 LOWERY, BARBARA J
1S10 RR06450-01 PATERSON, YVONNE
1R01 DK44073-01 PRICE, R. ARLEN
1R01 CA54957-01 REED, JOHN C
1S15 AR41249-01 ROSENBLUM, JOEL
1R29 AR40428-01A2 SILVERTON, SUSAN F
1R01 LM05217-01 WEBBER, BONNIE L
1R01 AR40671-01A1 WEHRLI, FELIX W
1S10 RR06522-01 WEISSEL, JOHN W

INSTITUTION TOTAL 18

CITY TOTAL 5

WISTAR INSTITUTE OF ANATOMY AND BIOLOGY
1R01 NS29390-01 FRASER, NIGEL W
1R01 GM40536-01A4 NISHIKURA, KAZUKO
1S10 RR06281-01 OTVOS, LASZLO
1R01 CA55492-01 REDDY, E PREMKUMAR
1S15 CA56006-01 ROOSA, ROBERT A

INSTITUTION TOTAL 5
CITY TOTAL 5

PITTSBURGH ALLEGHENY HEALTH SERVICES, INC. --ALLEGHENY-SINGER RESEARCH INSTITUTE
1R29 CA54363-01 CAMPBELL, PHIL G
1S15 AI32190-01 OKUNEWICK, JAMES P

TITLE OF RESEARCH PROPOSAL

INTERNATIONAL SYMPOSIUM ON BASEMENT MEMBRANES
SMALL INSTRUMENTATION GRANT

INSTITUTION TOTAL 2

UNIVERSITY OF PENNSYLVANIA
1S15 HL47768-01 ASBURY, ARTHUR K
1S15 AI32189-01 AVADHANI, NARAYAN G
1S10 RR06260-01 AXEL, LEON
1R01 HD28410-01 BUCAN, MARIJA
1S15 GM47033-01 COOPERMAN, BARRY S
1R01 AG09900-01 EBERWINE, JAMES
1R01 CA54384-01 GEWIRTZ, ALAN M
1R01 AI31537-01 GOLDFINE, HOWARD
1R01 DK43806-01 LAZAR, MITCHELL A
1S15 NS30118-01 LOWERY, BARBARA J
1S10 RR06450-01 PATERSON, YVONNE
1R01 DK44073-01 PRICE, R. ARLEN
1R01 CA54957-01 REED, JOHN C
1S15 AR41249-01 ROSENBLUM, JOEL
1R29 AR40428-01A2 SILVERTON, SUSAN F
1R01 LM05217-01 WEBBER, BONNIE L
1R01 AR40671-01A1 WEHRLI, FELIX W
1S10 RR06522-01 WEISSEL, JOHN W

INSTITUTION TOTAL 18

CITY TOTAL 5

WISTAR INSTITUTE OF ANATOMY AND BIOLOGY
1R01 NS29390-01 FRASER, NIGEL W
1R01 GM40536-01A4 NISHIKURA, KAZUKO
1S10 RR06281-01 OTVOS, LASZLO
1R01 CA55492-01 REDDY, E PREMKUMAR
1S15 CA56006-01 ROOSA, ROBERT A

INSTITUTION TOTAL 5
CITY TOTAL 5

PITTSBURGH ALLEGHENY HEALTH SERVICES, INC. --ALLEGHENY-SINGER RESEARCH INSTITUTE
1R29 CA54363-01 CAMPBELL, PHIL G
1S15 AI32190-01 OKUNEWICK, JAMES P

DOLLARS
AWARDED

| | |
|--------|--------|
| 14,500 | 14,500 |
| 22,017 | 22,017 |

| | |
|---------|---------|
| 178,958 | 178,958 |
| 208,889 | 208,889 |
| 110,000 | 110,000 |
| 215,614 | 215,614 |
| 206,875 | 206,875 |
| 18,885 | 18,885 |
| 101,000 | 101,000 |
| 375,644 | 375,644 |
| 124,581 | 124,581 |
| 24,200 | 24,200 |
| 108,360 | 108,360 |
| 193,312 | 193,312 |
| 323,967 | 323,967 |
| 202,000 | 202,000 |

| | |
|---------|---------|
| 114,596 | 114,596 |
| 5,061 | 5,061 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|------------------------|---|--|
| PENNSYLVANIA PITTSBURGH ALLEGHENY HEALTH SERVICES, INC.--ALLEGHENY-SINGER RESEARCH INSTITUTE 1R01 CA55230-01 SHACKNEY, STANLEY E | | GENETIC STAGING OF BREAST CANCERS FOR ADJUVANT THERAPY | 188,411 |
| INSTITUTION TOTAL | | 308,068 | |
| CARNEGIE-MELLON UNIVERSITY 1R01 CA54852-01 GREENHOUSE, JOEL B 1S15 HL47782-01 JORDAN, ANGEL G 1R01 HL44436-01A1 SCHEIER, MICHAEL F | | BAYESIAN METHODS IN BIOSTATISTICS SMALL INSTRUMENTATION GRANT EFFECTS OF PERSONALITY & CONTEXT ON RECOVERY FROM CABS | 90,568 39,097 259,791 |
| INSTITUTION TOTAL | | 389,456 | |
| CHILDREN'S HOSPITAL OF PITTSBURGH 1R01 HD26026-01A2 PARADISE, JACK L | | CHILD DEVELOPMENT IN RELATION TO EARLY OTITIS MEDIA | 804,102 |
| INSTITUTION TOTAL | | 804,102 | |
| DUQUESNE UNIVERSITY 1R15 AI29683-01A1 BOYD, KENNETH R 1R15 AI31197-01 CASTRIC, PETER A 1R15 GM46068-01 HARROLD, MARC W 1R01 AG09033-01A1 SEYBERT, DAVID W | | MOLECULAR AND GENETIC STUDIES OF FLANDERS VIRUS PILIN REGULATORY GENES OF PSEUDOMONAS AERUGINOSA SUBSTRATE-BASE INHIBITORS OF MYO-INOSITOL 1-PHOSPHATASE LIPID PEROXIDATION IN DISEASE AND AGING | 121,111 119,589 112,588 74,910 |
| INSTITUTION TOTAL | | 428,198 | |
| EYE AND EAR INSTITUTE OF PITTSBURGH 1R01 EY08227-01A1 GORDON, Y JEROLD | | EXPERIMENTAL PATHOGENESIS & THERAPY OF OCULAR ADENOVIRUS | 234,000 |
| INSTITUTION TOTAL | | 234,000 | |
| MONTEFIORE HOSPITAL 1R29 HL46348-01 RAO, RAYASAM H | | SPONTANEOUS HYPERTENSION AND INSULIN RESISTANCE | 96,154 |
| INSTITUTION TOTAL | | 96,154 | |
| UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1R29 GM46438-01 BAIRD, SCOTT E 1R01 LM05299-01 BUCHANAN, BRUCE G 1S10 RR06357-01 FERRELL, ROBERT E 1R01 DK42019-01A2 FINN, FRANCES M 1R01 CA56103-01 FINN, OLIVERA J 1R01 AG09202-01A1 GANGULI, MARY 1R01 AI30615-01A1 ILSTAD, SUZANNE T | | RAY IDENTIFY SPECIFICATION IN CAENORHABDITIS ELEGANS EXPLANATION IN THE CLINICAL SETTING AKS ITIM CYTOGENETIC ANALYSIS SYSTEM SITE-DIRECTED DERIVATIZATION OF INSULIN RECEPTOR HUMAN T CELL IMMUNITY TO EPITHELIAL TUMOR MUCINS INDO-US CROSS NATIONAL DEMENTIA EPIDEMIOLOGY STUDY ORGAN TRANSPLANTATION--MIXED CHIMERISM INDUCED TOLERANCE | 107,230 401,325 88,000 135,252 189,259 336,688 224,268 |

NIH
RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | |
|---|---|--|
| PENNSYLVANIA PITTSBURGH | KAMBOH, MOHAMMAD I KRISKA, ANDREA M MATTISON, DONALD R MOORE, CHRISTOPHER A ROBBINS, PAUL D SCHMIDT, MARTIN C VAN DYKE, TERRY A | GENETIC EPIDEMIOLOGY OF LIPOPROTEIN-LIPID LEVELS THE ROLE OF PHYSICAL ACTIVITY IN NIDDM DEVELOPMENT SMALL INSTRUMENTATION GRANT PHYSIOLOGICAL DEVELOPMENT OF SPEECH PRODUCTION REGULATION OF TRANSCRIPTION-RETINOBLASTOMA ANTI-ONCOGENE DNA BINDING ACTIVITY OF RECOMBINANT TFIID PROTEINS MOLECULAR BASIS OF DIFFERENT TRANSTHYRETIN GENE CONTROL |
| 1R01 HL44672-01A1 1R29 DK43396-01 1S15 HL47722-01A1 1R29 DC00822-01A1 1R01 CA55227-01 1R29 GM46443-01 1R01 DK42910-01A1 | 190,296 84,330 36,582 119,328 133,527 88,728 181,423 | |
| INSTITUTION TOTAL CITY TOTAL | 14 27 | 2,316,236 4,576,214 |

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | |
|------------------------------------|-------------------------------|---|
| SWARTHMORE SWARTHMORE COLLEGE | JACOBS, MARK VOLD, TERJE G | G-PROTEIN FUNCTION IN PLANT HORMONE TRANSPORT SCANNING TUNNELING MICROSCOPY OF ORGANIC MOLECULES |
| 1R15 GM46024-01 1R15 GM46107-01 | | 122,177 107,253 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 229,430 229,430 |

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | |
|---|--|--|
| UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK | CAVANAGH, PETER R WOJCHOWSKI, DON M | OBJECTIVE STUDY OF THERAPEUTIC FOOTWEAR IN DIABETES SMALL INSTRUMENTATION GRANT |
| 1R01 DK42912-01A1 1S15 GM47085-01 | | 215,663 52,868 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 268,531 268,531 |
| STATE TOTAL | 102 | 15,520,701 |

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | |
|---------------------------------|------------------------|-----------------------------|
| RHODE ISLAND EAST PROVIDENCE | CARSKADON, MARY A | SMALL INSTRUMENTATION GRANT |
| EMMA PENDLETON BRADLEY HOSPITAL | | |
| 1S15 HL47705-01 | | |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 5,889 5,889 |

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | |
|---|------------------------|---------------------------|
| KINGSTON GORDON RESEARCH CONFERENCES | JAMES R BROACH, | EXTRACHROMOSOMAL ELEMENTS |
| 1R13 GM46575-01 | | |
| | | 2,000 |

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED | |
|---|--|---|--|--|
| RHODE ISLAND KINGSTON | CONFERENCE 1R13 GM46446-01 1R13 DK44376-01 1R13 GM46434-01 1R13 DK44288-01 1R13 HL46864-01 1R13 HD27920-01 1R13 GM46419-01 1R13 AR40999-01 1R13 AR40887-01 1R13 GM46420-01 1R13 AI31565-01 1R13 GM46458-01 1R13 GM46640-01 1R13 HD27952-01 1R13 AI31531-01 1R13 NS29616-01 | BUCK, CLAYTON A COLLINS, FRANCIS S FRANK, JOACHIM FRIZZELL, RAYMOND A KEELEY, FRED W KENT, CLAUDIA M PABO, CARL O POUTS, RUSSELL O RAMIREZ, FRANCESCO B RAUSHEL, FRANK M ROSE, JOHN K ROSS, ELLIOTT M ROTHMAN-DENES, LUCIA B SCHUPPACH, TRUDI M STEWART, GEORGE C ZIGMOND, RICHARD E | CELL CONTACT AND ADHESION GORDON RESEARCH CONFERENCE: MOLECULAR GENETICS THREE-DIMENSIONAL ELECTRON MICROSCOPY OF MACROMOLECULES MECHANISMS OF MEMBRANE TRANSPORT PROTEINS GORDON RESEARCH CONFERENCE: ELASTIC 1991 GORDON RESEARCH CONFERENCE ON LIPID METABOLISM 1991 GORDON RESEARCH CONFERENCE ON NUCLEIC ACIDS BARRIER FUNCTION OF MAMMALIAN SKIN GORDON CONFERENCE: STRUCTURAL MACROMOLECULES--COLLAGEN GORDON RESEARCH CONFERENCE: ENZYME/CO-ENZYME/METABOLI GORDON RESEARCH CONFERENCE: ANIMAL CELLS AND VIRUSES GORDON RESEARCH CONFERENCE: GORDON RESEARCH CONFERENCE ON MOLECULAR PHARMACOLOGY CONFERENCE ON BIOLOGICAL REGULATORY MECHANISMS GORDON RESEARCH CONFERENCE ON DEVELOPMENTAL BIOLOGY GORDON CONFERENCE ON STAPHYLOCOCCAL DISEASE 1991 GORDON RESEARCH CONFERENCE ON NEURAL PLASTICITY | 14,500 15,000 5,000 3,000 14,350 4,000 2,000 5,000 9,000 3,500 1,000 5,000 2,000 3,000 1,000 19,000 |
| INSTITUTION TOTAL | 17 | | 110,350 | |
| UNIVERSITY OF RHODE ISLAND 1S15 CA56029-01 1R13 AI31511-01 | LUZZI, LOUIS A SVANBORG, CATHARINA | SMALL INSTRUMENTATION GRANT GORDON CONFERENCE ON MICROBIAL ADHESION MECHANISMS | 17,149 5,000 | |
| INSTITUTION TOTAL CITY TOTAL | 2 19 | 22,149 132,499 | | |
| PAWTUCKET MEMORIAL HOSPITAL OF RHODE ISLAND 1S15 HL47769-01 | HOPPIN, FREDERIC G | SMALL INSTRUMENTATION GRANT | 10,769 | |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 10,769 10,769 | | |
| PROVIDENCE BROWN UNIVERSITY 1S15 GM47092-01 1R29 HD28152-01 1S10 RR06462-01 | MORSE, DOUGLASS H WESSEL, GARY M WILLIARD, PAUL G | SMALL INSTRUMENTATION GRANT ONTOGENY OF THE SEA URCHIN ENDODERM LINEAGE UPGRADE OF A NICOLET SINGLE CRYSTAL X-RAY DIFFRACTOMETER | 23,411 81,718 120,000 | |
| INSTITUTION TOTAL | 3 | 225,129 | | |

NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--------------------------|--|-----------------|
| RHODE ISLAND PROVIDENCE CELLULAR TRANSPLANTS, INC. | CHRISTENSON, LISA | OPTIMAL ISLET MATRIX FOR IMMUNOISOLATED TRANSPLANTS | 50,000 |
| 1R43 DK43562-01A1 | | | |
| INSTITUTION TOTAL | 1 | | 50,000 |
| MIRIAM HOSPITAL 1S15 AR41247-01 | ABRAMS, DAVID B | SMALL INSTRUMENTATION GRANT | 5,966 |
| INSTITUTION TOTAL | 1 | | 5,966 |
| RHODE ISLAND HOSPITAL 1R01 HL45050-01A1 | HILL, NICHOLAS S | ATRIAL NATRIURETIC PEPTIDE AND THE LUNG | 257,083 |
| INSTITUTION TOTAL | 1 | | 257,083 |
| ROGER WILLIAMS MEDICAL CENTER 1R29 GM46402-01 | NORTON, PAMELA A | FIBRONECTIN REGULATION AND FUNCTION IN TRANSGENIC MICE | 99,308 |
| CITY TOTAL | 1 | | 99,308 |
| | 7 | | 6,377,486 |
| STATE TOTAL | 28 | | 786,643 |
| SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA | MARGOLIUS, HARRY S | KININS AND EPITHELIAL ION TRANSPORT MECHANISMS | 172,911 |
| 1R01 HL44671-01A1 | WALLE, THOMAS | STEREOSPECIFIC SULFATION OF CHIRAL DRUGS IN HUMANS | 151,936 |
| INSTITUTION TOTAL | 2 | | 324,847 |
| CITY TOTAL | 2 | | 324,847 |
| CLEMSON CLEMSON UNIVERSITY | BROADWELL-JACKSON, DEBRA | VARIABLES AFFECTING OSTOMY PATIENT OUTCOME | 112,281 |
| 1R15 NR02929-01 | LABERGE, MARTINE | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL | 2 | | 117,281 |
| CITY TOTAL | 2 | | 117,281 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|--|------------------------------|
| SOUTH CAROLINA COLUMBIA UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA 1S15 HL47702-01 1R29 HD28330-01 1R15 NR02144-01A2 | BLAKE, CHARLES A HORACEK, MARK J MACKEY, MARLENE C | SMALL INSTRUMENTATION GRANT PITUITARY DIFFERENTIATION--ROLE OF EXTRACELLULAR MATRIX PRETERM LABOR EXPERIENCE--A NATURALISTIC STUDY | 21,588 102,427 104,421 |
| INSTITUTION TOTAL CITY TOTAL | 3 | 228,436 228,436 | |
| STATE TOTAL | 7 | 670,564 | |
| SOUTH DAKOTA SIOUX FALLS AUGUSTANA COLLEGE 1R15 HD26929-01A1 | DIGGINS, MAUREEN R | OBESITY AND INFERTILITY IN THE LETHAL YELLOW MOUSE | 63,693 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 63,693 63,693 | |
| VERMILLION UNIVERSITY OF SOUTH DAKOTA 1R15 AI27978-01A2 1S15 HL47734-01 1R15 DK42609-01A1 | CAFRUNY, WILLIAM A EYSTER, KATHLEEN M TIMMS, BARRY G | REGULATION OF VIRAL INFECTIVITY SMALL INSTRUMENTATION GRANT DUCTAL BRANCHING PATTERNS IN THE DEVELOPING PROSTATE | 88,932 5,000 85,800 |
| INSTITUTION TOTAL CITY TOTAL | 3 | 179,732 179,732 | |
| STATE TOTAL | 4 | 243,425 | |
| TENNESSEE ARLINGTON MOLECULAR DESIGN INTERNATIONAL, INC. 1R43 HL46621-01 | PARISH, HARLIE A | DEVELOPMENT OF ELASTASE INHIBITORS TO TREAT EMPHYSEMA | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 50,000 50,000 | |
| JOHNSON CITY STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--EAST TENNESSEE STATE UNIVERSITY 1S15 HL47785-01 | KERN, DAVID F | SMALL INSTRUMENTATION GRANT (FLUOROMETER) | 7,196 |

**NIH
RESEARCH GRANTS**

GRANT NUMBER **PRINCIPAL INVESTIGATOR** **TITLE OF RESEARCH PROPOSAL**

**DOLLARS
AWARDED**

TENNESSEE
JOHNSON CITY
STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--EAST TENNESSEE STATE UNIVERSITY
1R15 NS29505-01 KOSTRZENA, RICHARD M

INSTITUTION TOTAL 2 93,812
CITY TOTAL 2 93,812

KNOXVILLE
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE
1S15 AI32212-01 BECK, RAYMOND W
1R01 GM46520-01 BECKER, JEFFREY M
1S15 HL47716-01 MC DONALD, TED P

INSTITUTION TOTAL 3 237,115
CITY TOTAL 3 237,115

MEMPHIS
ST. JUDE CHILDREN'S RESEARCH HOSPITAL
1R01 CA55056-01 BELT, JUDITH A
1R29 AI31489-01 BLACKMAN, MARCIA A
1R01 CA52259-01A2 KITCHINGMAN, GEOFFREY R

INSTITUTION TOTAL 3 385,864

STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY
1R18 HL45057-01A1 KLESGES, ROBERT C
1S15 HL47735-01 TURITTO, VINCENT T

INSTITUTION TOTAL 2 687,508

UNIVERSITY OF TENNESSEE AT MEMPHIS
1R01 CA55378-01 DIBIANCA, FRANK A
1R15 NR02114-01A2 SCANDRETT-HIBDON, SHARON L
1S15 HL47698-01 SUMMIT, ROBERT L
1R01 NS28712-01A1 WYLER, ALLEN R

INSTITUTION TOTAL 4 570,067
CITY TOTAL 9 1,643,439

86,616
15,980
212,882
8,253

190,672
101,570
93,622

678,931
8,577

NASHVILLE
MEHARRY MEDICAL COLLEGE
1R01 EY09092-01 BLAKE, DIANE A

IN VITRO MODEL OF CORNEAL WOUND HEALING: ROLE OF MATRIX
95,235

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

| | | | | |
|---|--|--|---|--|
| TENNESSEE NASHVILLE | MEHARRY MEDICAL COLLEGE 1R13 AI31424-01 1S15 AI32222-01 1S15 HL47717-01 | HILL, GEORGE C RUSSELL, JAMES D TURNER, ERNEST A | EIGHTH ANNUAL TROPICAL DISEASES SYMPOSIUM SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT | 12,000 6,781 12,501 |
| INSTITUTION TOTAL | 4 | | 126,517 | |
| VANDERBILT UNIVERSITY | BADR, KAMAL F BEECHEM, JOSEPH M BLAIR, IAN A FLICKER, PAULA F GETTINS, PETER GIORGIO, TODD D HASH, JOHN H NEWCOMER, MARCIA E OSTEEN, KEVIN G POWERS, ALVIN C WRIGHT, CHRISTOPHER V | | LIPOXYGENASE PRODUCTS IN GLOMERULAR IMMUNE INJURY TIME-RESOLVED FLUORESCENCE STUDIES OF PROTEIN FOLDING ACQUISITION OF A HIGH PERFORMANCE DOUBLE FOCUSING MASS S ELECTRON MICROSCOPE AND MICRODENSITOMETER PROTEASE & GROWTH FACTOR-ALPHA-2 MACROGLOBULIN MAPPING SHEAR STRESS ENHANCED SOLUTE TRANSPORT ACROSS MEMBRANES SMALL INSTRUMENTATION GRANT X-RAY CRYSTALLOGRAPHIC STUDY-VITAMIN A BINDING PROTEINS TRANSFORMING GROWTH FACTOR-BETA IN HUMAN ENDOMETRIUM CHARACTERIZATION OF PANCREATIC ISLET GLUCOSE TRANSPORTER HOMEobox GENES IN VERTEBRATE EMBRYONIC ENDODERM | 216,740 113,651 400,000 288,000 132,840 112,387 78,900 89,090 49,185 108,578 182,450 |
| INSTITUTION TOTAL | 11 | | 1,771,821 | |
| CITY TOTAL | 15 | | 1,898,338 | |
| OAK RIDGE | | | | 157,658 |
| OAK RIDGE ASSOCIATED UNIVERSITIES | | | | |
| 1R01 DK42804-01A1 | SNYDER, FRED L | | | |
| INSTITUTION TOTAL | 1 | | 157,658 | |
| CITY TOTAL | 1 | | 157,658 | |
| STATE TOTAL | 31 | | 4,080,362 | |
| TEXAS AUSTIN | | | | |
| UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN | | | | |
| 1S15 NS30112-01 | ABELL, CRED W | | | 15,799 |
| 1R01 GM42763-01A2 | MARTIN, STEPHEN F | | | 114,844 |
| 1R01 GM43473-01A2 | MARTIN, STEPHEN F | | | 114,225 |
| 1S15 AI32174-01 | WILCZYNSKI, WALTER | | | 45,781 |
| INSTITUTION TOTAL | 4 | | 290,649 | |
| CITY TOTAL | 4 | | 290,649 | |

NIH
RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

49,784

TEXAS COLLEGE STATION
GRANADA BIOSCIENCES, INC.
1R43 RR06803-01
VOELKEL, STEVEN A

INSTITUTION TOTAL

49,784

TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION
1R01 GM42552-01A1 ADAMS, THOMAS H
1S15 HL4714-01 CHILIAN, WILLIAM M
1S10 RR06299-01 RAUSHEL, FRANK M
1S15 ES05840-01 SHADDUCK, JOHN A

INSTITUTION TOTAL

549,577

CITY TOTAL

599,361

DALLAS
MIZE INFORMATION ENTERPRISE, INC.
1R13 HD28134-01 MIZE, SUSAN G

INSTITUTION TOTAL

13,375

SOUTHERN METHODIST UNIVERSITY
1S15 GM47051-01 BUCHANAN, CHRISTINE E
1R01 GM46567-01 JONES, RICHARD S

INSTITUTION TOTAL

133,357

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS
1R01 HD28549-01 ABRAMOWSKY, CARLOS R
1R29 NS26821-01A3 AGUILA, M CECILIA
1R01 HL46154-01 AVERY, LEON B
1R29 AI31649-01 CRUZ, PONCIANO D JR
1R13 AR40817-01 LIPSKY, PETER E
1R29 AI31669-01 MUELLER, DANIEL L
1R01 CA54726-01 MUMBY, MARC C
1S15 GM47050-01 PERKINS, JOHN P
1R29 AI31545-01 PICKER, LOUIS J
1R01 EY09041-01 SREBRO, RICHARD
1R29 AI31592-01 WARD, ELIZABETH S
1R01 HD26324-01A1 WILSON, GOLDER N
1R01 CA51426-01A3 YUAN, DOROTHY C

INSTITUTION TOTAL
CITY TOTAL

13
16

1,541,322
1,688,054

NUCLEAR TRANSFER IN NON-HUMAN PRIMATES
INT'L REGISTER WORKSHOP--INHERITED METABOLIC DISORDERS

INSTITUTION TOTAL

13,375

SMALL INSTRUMENTATION GRANT
POLYCOMB-GROUP GENES AND GENE REGULATION

INSTITUTION TOTAL

133,357

UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS
PATHOLOGIC-VIROLOGIC STUDIES OF PLACENTAS FROM HIV+ WOMEN
MECHANISMS OF HYPOTHALAMIC RELEASE OF SRIF AND GRF
GENETICS OF NEMATODE PHARYNGEAL MUSCLE EXCITABILITY
IN VITRO MODELS OF CONTACT HYPERSENSITIVITY
CONFERENCE ON HLA-B27 RELATED DISORDERS
PROTEIN PHOSPHORYLATION IN T-CELL CLONAL ANERGY
PROTEIN PHOSPHATASE 2A IN TRANSFORMATION BY POLYOMA/SV40
SMALL INSTRUMENTATION GRANT
MOLECULAR BASIS OF HUMAN T-CELL HOMING TO INFLAMED SKIN
LOCALIZING BRAIN ACTIVITY WITH VEP'S
SOLUBLE T CELL RECEPTOR EXPRESSIONS IN ESCHERICHIA COLI
ONTOGENY AND PHYLOGENY OF HUMAN PEROXISOMAL FUNCTION
INTERACTIONS BETWEEN B LYMPHOCYTES AND NK CELLS

INSTITUTION TOTAL
CITY TOTAL

13
16

1,541,322
1,688,054

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|---|-------------------------------|
| TEXAS DENTON UNIVERSITY OF NORTH TEXAS 1S15 GM47072-01 | SCHAFFER, ROLLIE R | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 5,000 |
| EL PASO X-L ELECTRONICS, INC. 1R43 DE09481-01A1 | NEMIR, DAVID C | BIOFEEDBACK APPARATUS FOR HOME TREATMENT OF BRUXISM | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 50,000 |
| FORT WORTH TEXAS CHRISTIAN UNIVERSITY 1R01 ES05772-01 | HARTMAN, PHILIP S | UV RADIATION MUTAGENESIS IN C ELEGANS | 82,571 |
| INSTITUTION TOTAL | 1 | | 82,571 |
| TEXAS COLLEGE OF OSTEOPATHIC MEDICINE 1S15 HL47703-01 1R01 DE08911-01A3 | COOK, PAUL F WISE, GARY E | SMALL INSTRUMENTATION GRANT CELLULAR BASIS OF TOOTH ERUPTION | 16,472 108,345 |
| INSTITUTION TOTAL CITY TOTAL | 2 3 | | 124,817 207,388 |
| GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH 1R01 DC01273-01 1R29 GM46524-01 1R01 NS29540-01 | CORREIA, MANNING J JUSTEMENT, LOUIS B PAPANICOLAOU, ANDREW C | VESTIBULAR TYPE I & TYPE II HAIR CELLS REGULATION OF MEMBRANE IMMUNOGLOBULIN-MEDIATED SIGNAL TR CHARACTERIZATION OF THE P3 SOURCE USING MEG EEG AND MRI | 217,401 103,406 152,681 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | | 473,488 473,488 |
| HOUSTON Baylor College of Medicine 1R01 AI32177-01 1S10 RR06404-01 | BEAUDET, ARTHUR L CASKEY, CHARLES T | MUTANTS FOR CELL ADHESION MOLECULES AUTOMATED DNA SEQUENCING SYSTEM | 181,503 182,000 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|-----------------------------|---|-----------------|
| TEXAS | | | |
| HOUSTON | | | |
| Baylor College of Medicine | FOREYT, JOHN P | OBESEITY TREATMENT: SELF MANAGEMENT VS DEPENDENCE MODELS | 238,694 |
| 1R01 DK43109-01A1 | MULHOLLAND, JOY I | TGFB EXPRESSION DURING EMBRYO RECEPTIVITY AND CELL DEATH | 50,000 |
| 1R03 HD28122-01 | RICH, ROBERT R | SUPERANTIGENS AND THE MHC--STRUCTURE AND FUNCTION | 174,027 |
| 1R01 AI30036-01A1 | RICH, ROBERT R | SMALL INSTRUMENTATION GRANT | 82,582 |
| INSTITUTION TOTAL | 6 | 908,806 | |
| RICE UNIVERSITY | MATTHEWS, KATHLEEN S | SMALL INSTRUMENTATION GRANT | 15,858 |
| 1S15 HL47741-01 | STERN, MICHAEL | GENETIC DISSECTION OF SYNAPTIC TRANSMISSION IN DROSOPHILA | 135,575 |
| INSTITUTION TOTAL | 2 | 151,433 | |
| UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK | | | |
| 1R15 AI31214-01 | WHITE, CATHERINE A | IMPROVED ANTIBIOTIC THERAPY WITH LIPOSOMAL TARGETING | 109,608 |
| INSTITUTION TOTAL | 1 | 109,608 | |
| UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON | | | |
| 1R01 HL47876-01 | ESKIN, SUZANNE G | TRANSDUCTION OF HEMODYNAMIC SIGNALS INTO VASCULAR CELLS | 252,960 |
| 1R01 HD28261-01 | GRAY, LINCOLN C | PERINATAL INFLUENCES ON DEVELOPING AUDITORY PERCEPTION | 106,875 |
| 1S15 HL47736-01 | HAWKINS, C MORTON | SMALL INSTRUMENTATION GRANT | 18,233 |
| 1R29 DE09954-01 | HECHT, JACQUELINE T | DNA LINKAGE STUDY OF CLEFT LIP AND PALATE | 82,225 |
| 1S15 AR41248-01 | MACKENZIE, IAN C | SMALL INSTRUMENTATION GRANT | 9,705 |
| 1R01 CA54526-01 | SELL, STEWART | HEPATIC CO-CARCINOGENESIS IN TRANSGENIC MICE | 160,599 |
| 1R01 GM46454-01 | SHYU, ANN-BIN | MESSENGER RNA DECAY OF IMMEDIATE EARLY GENES | 176,473 |
| 1R15 NR02757-01 | WALKER, GLENDA C | APPLICABILITY/INFORMATION PROCESSING OF TRAUMA MODEL | 109,844 |
| INSTITUTION TOTAL | 8 | 916,914 | |
| UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER | | | |
| 1S15 CA56008-01 | BECKER, FREDERICK F | SMALL INSTRUMENTATION GRANT | 75,364 |
| 1R03 HD28072-01 | CARSON, DANIEL D | GROWTH FACTOR CONTROL OF UTERINE CELL FUNCTION IN VITRO | 46,168 |
| 1S10 RR06239-01 | DE CROMBRUGHE, BENOIT | AUTOMATED DNA SEQUENCER | 110,000 |
| 1R01 CA55526-01 | FORD, RICHARD J, JR | CLINICAL & MOLECULAR STUDIES ON AIDS-RELATED LYMPHOMAS | 207,981 |
| 1R01 CA54296-01 | HANAUSEK-WALASZEK, MARGARET | ONCOFETAL PROTEIN EXPRESSION IN HEPATOARCIINOGENESIS | 169,883 |
| 1R13 CA55586-01 | JONES, LOVELL A | THIRD BIENNIAL SYMPOSIUM ON MINORITIES AND CANCER | 13,000 |
| 1R01 CA51870-01A1 | MURRAY, DAVID | DNA DAMAGE IN RADIATION RESPONSE OF TISSUES AND TUMORS | 166,675 |
| 1R01 DK41606-01A2 | NELSON, J ARLY | PLEIOTROPIC DRUG RESISTANCE AND TRANSPORT | 129,583 |
| 1R01 CA52308-01A1 | PLATSOUCAS, CHRIS D | AUTologous Tumor Specific TIL IN MELANOMA | 196,205 |
| 1R01 CA50380-01A3 | SIIDDIK, ZAHID H | IMPROVING THE THERAPEUTIC INDEX OF PLATINUM COMPLEXES | 152,711 |
| INSTITUTION TOTAL | 10 | 1,267,570 | |
| CITY TOTAL | | 3,354,331 | |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|-------------------------------|--|--|
| TEXAS RICHARDSON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT DALLAS 1R29 DC01258-01 ASSMANN, PETER F 1S15 GM47032-01 GRAY, DONALD M | | PERCEPTION OF SPEECH IN THE PRESENCE OF COMPETING VOICES SMALL INSTRUMENTATION GRANT | 104,534 8,970 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 113,504 113,504 | |
| SAN ANTONIO CANCER THERAPY AND RESEARCH CENTER 1R29 CA54785-01 WINDLE, BRADFORD E | | REPAIR AND RECOMBINATION OF BROKEN CHROMOSOMES | 97,984 |
| INSTITUTION TOTAL | 1 | 97,984 | |
| SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH 1S15 AI32182-01 GOODWIN, WILLIAM J | | SMALL INSTRUMENTATION GRANT | 33,661 |
| INSTITUTION TOTAL | 1 | 33,661 | |
| UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT SAN ANTONIO 1S15 GM47053-01 WAYNER, MATTHEW J | | SMALL INSTRUMENTATION GRANT | 5,183 |
| INSTITUTION TOTAL | 1 | 5,183 | |
| UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO 1R01 DK43988-01 ABOUD, HANNA E 1R29 AR40689-01A1 LEACH, ROBIN J 1R01 HG00490-01 NAYLOR, SUSAN L 1R01 DK42273-01A2 STERN, MICHAEL P | | MECHANISMS OF GLOMERULAR INJURY REGULATION OF OSTEOBLAST SPECIFIC GENE EXPRESSION CONSORTIUM TO CONSTRUCT CHROMOSOME 3 FRAMEWORK MAP GENETIC EPIDEMIOLOGY OF NIDDM IN MEXICAN AMERICANS | 164,820 127,341 326,552 421,382 |
| INSTITUTION TOTAL CITY TOTAL | 4 7 | 1,040,095 1,176,923 | |
| THE WOODLANDS ARGUS PHARMACEUTICALS, INC. 1R43 CA53040-01A1 TUCKER, STANLEY D | | ISOLATION AND EXPRESSION OF cDNA CLONES FOR RIF | 49,233 |
| INSTITUTION TOTAL | 1 | | |
| LIFECELL CORPORATION 1R43 HL46606-01 NAG, ABHIJIT | | DRY PRESERVATION OF TRANSPLANTABLE VEINS | 49,999 |
| INSTITUTION TOTAL CITY TOTAL | 1 2 | 49,999 99,232 | |

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

| | | |
|--|------------------------|--------|
| TEXAS | PRINCIPAL INVESTIGATOR | |
| TYLER | | |
| UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER | | |
| 1S15 HL47789-01 | PANGBURN, MICHAEL K | |
| INSTITUTION TOTAL | 1 | 11,706 |
| CITY TOTAL | 1 | 11,706 |

| | | | |
|-------------------|--|--|---------|
| WACO | Baylor University | TRANSGLUTAMINASE INHIBITORS AND SOLID PHASE SUBSTRATES | 109,975 |
| | 1R15 GM46123-01 | SMALL INSTRUMENTATION GRANT | 6,529 |
| | 1S15 AR41240-01 | NEW LIGANDS FOR METAL MEDIATED ASYMMETRIC SYNTHESIS | 102,905 |
| | 1R15 GM46075-01 | | |
| INSTITUTION TOTAL | 3 | 219,409 | |
| CITY TOTAL | 3 | 219,409 | |
| STATE TOTAL | 75 | 8,289,045 | |
| UTAH | LOGAN STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY | ROLE OF IRON IN ASBESTOS-INDUCED DNA DAMAGE | 110,805 |
| | 1R01 ES05782-01 | SMALL INSTRUMENTATION GRANT | 9,903 |
| | 1S15 ES05845-01 | | |
| INSTITUTION TOTAL | 2 | 120,708 | |
| CITY TOTAL | 2 | 120,708 | |
| PROVO | BRIGHAM YOUNG UNIVERSITY | MOLECULAR AND SOMATIC CELL MAPPING OF DEER MOUSE GENES | 100,707 |
| | 1R15 GM46016-01 | | |
| | ROGERS, DUKE S | | |
| INSTITUTION TOTAL | 1 | 100,707 | |
| CITY TOTAL | 1 | 100,707 | |
| SALT LAKE CITY | | | |
| BUNNELL, INC. | | | |
| 1R43 HL46625-01 | RICHARDSON, CHARLES P | SERVO-CONTROLLED VENTILATOR FOR INFANTS AND CHILDREN | 49,981 |
| INSTITUTION TOTAL | 1 | | 49,981 |

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

| | | | |
|---|--|--|--|
| GRANT NUMBER | PRINCIPAL INVESTIGATOR | | |
| UTAH SALT LAKE CITY INTERMOUNTAIN HEALTH CARE--LDS HOSPITAL 1S15 HL47710-01 | HAUG, PETER J | 5,000 | |
| INSTITUTION TOTAL | 1 | 5,000 | |
| TOPICAL TESTING, INC. 1R43 AR40958-01 | GOODALL, ELEANOR | | |
| INSTITUTION TOTAL | 1 | 50,000 | |
| UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1R01 HL46440-01 1S15 HL47721-01 1R29 CA54223-01 1R01 CA52585-01A1 1S15 HL47768-01 1R29 EY09038-01 1R01 LM05202-01A1 1R29 GM44720-01A1 1S15 HL47746-01 | CAMPBELL, EDWARD J GRAY, WILLIAM R HEBDEN, JEREMY C LEAVITT, DENNIS D STEVENS, WALTER VAUGHAN, DANA K WARNER, HOMER R WEST, FREDERICK WHITE, H STEVE | CELL-SURFACE PROTEINASES IN PULMONARY INFLAMMATION SMALL INSTRUMENTATION GRANT BREAST IMAGING USING PICOSECOND PULSES OF LIGHT DYNAMIC FIELD SHAPING/STEREOTACTIC RADIOSURGERY DOSES SMALL INSTRUMENTATION GRANT CELL BIOLOGY OF TELEOST HORIZONTAL CELLS IMPACT OF AN EXPERT SYSTEM ON THE PRACTICE OF MEDICINE POLYCYCLE SYNTHESIS VIA 4-PYRONE PHOTOCHEMISTRY SMALL INSTRUMENTATION GRANT | 220,395 36,419 73,680 223,896 75,224 92,476 302,825 107,452 21,005 |
| INSTITUTION TOTAL | 9 | 1,153,372 | |
| CITY TOTAL | 12 | 1,258,353 | |
| STATE TOTAL | 15 | 1,479,768 | |
| VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1S15 GM47049-01 1R01 CA50267-01A2 1R01 GM47176-01 1S15 AR41239-01 1P01 AG08777-01 | BOND, LYNNE A KELLEHER, PHILIP C KURJAN, JANET A LOW, ROBERT MANN, KENNETH G | SMALL INSTRUMENTATION GRANT PREMALIGNANT AND MALIGNANT HEPATOCYTE AFP GLYCOSYLATION MOLECULAR GENETICS OF YEAST SEXUAL AGGLUTININS SMALL INSTRUMENTATION GRANT REGULATION OF BONE FORMATION | 16,187 16,014 133,594 64,934 422,934 |
| INSTITUTION TOTAL | 5 | 792,729 | |
| CITY TOTAL | 5 | 792,729 | |
| ESSEX JUNCTION HAEMATOLOGIC TECHNOLOGIES, INC. 1R43 HL46035-01 | JENNY, RICHARD J | 50,000 | |
| INSTITUTION TOTAL | 1 | | |

IRON CLEARANCE BY TRANSFERRIN HALF-MOLECULES
50,000

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL |
|--------------|------------------------|----------------------------|
| CITY TOTAL | 1 | 50,000 |
| STATE TOTAL | 6 | 842,729 |

| VIRGINIA ALEXANDRIA SENIOR HOUSING RESEARCH GROUP 1R43 AG08910-01 | PARKER, MARY H | DEVELOPMENT OF IN-HOME CARE QUALITY ASSURANCE PROCESS 49,657 |
|--|----------------|---|
| INSTITUTION TOTAL | 1 | 49,657 |
| CITY TOTAL | | 49,657 |

| BLACKSBURG TOPLOGIC SYSTEMS CORPORATION 1R43 DC01175-01 | ASIMPOULOS, NIKOS | TELESIGN: VIDEO TELECOMMUNICATION OF SIGN LANGUAGE 49,025 |
|--|-----------------------|--|
| INSTITUTION TOTAL | 1 | 49,025 |
| VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY 1S15 GM47037-01 | RUTHERFORD, CHARLES L | SMALL INSTRUMENTATION GRANT 117,443 |
| INSTITUTION TOTAL | 1 | 117,443 |
| CITY TOTAL | 2 | 66,468 |

| CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1R35 CA53913-01 | HECHT, SIDNEY M | NUCLEIC ACIDS AS THERAPEUTIC TARGETS 488,037 |
|--|--------------------|---|
| 1S15 HL47738-01 | PEACH, MICHAEL J | SMALL INSTRUMENTATION GRANT 75,048 |
| 1R01 HL43611-01A1 | SCHORLING, JOHN B | TRIAL OF SMOKING CESSATION PROGRAMS IN BLACK CHURCHES 329,819 |
| 1R15 NR02482-01A1 | STEEVES, RICHARD H | EXPERIENCES OF RURAL CAREGIVERS OF PERSONS WITH CANCER 107,358 |
| 1R01 AR40997-01 | STOKES, DAVID L | FROZEN-HYDRATED ELECTRON MICROSCOPY OF CAATPASE 171,690 |
| INSTITUTION TOTAL | 5 | 1,171,952 |
| CITY TOTAL | 5 | 1,171,952 |

| FAIRFAX GEORGE MASON UNIVERSITY 1R29 NR02713-01 | GAFFNEY, KATHLEEN F | MATERNAL ROLE SUFFICIENCY--PREDICTORS AND INTERVENTIONS 82,918 |
|---|---------------------|---|
| INSTITUTION TOTAL | 1 | 82,918 |
| CITY TOTAL | 1 | 82,918 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|--|---|---|
| VIRGINIA NORFOLK OLD DOMINION UNIVERSITY 1R15 GM44101-01A1 | GORDON, ANDREW S | BACTERIAL METAL DETOXIFICATION--EXTRACELLULAR CHELATORS | 111,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 111,000 111,000 | |
| RESTON HEALTH INNOVATIONS, INC. 1R43 HL44260-01A2 | FREDERIKSEN, LEE W | COMPUTER-ASSISTED CHOLESTEROL REDUCTION PROGRAM | 49,780 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 49,780 49,780 | |
| RICHMOND MOLECULES FOR HEALTH, INC. 1R43 AR40948-01 | ELFORD, HOWARD L | POTENTIAL NEW TOPICAL ANTI-PSORIASIS AGENTS | 49,998 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 49,998 49,998 | |
| VIRGINIA COMMONWEALTH UNIVERSITY 1S15 HL47774-01 1R29 DK43013-01A1 1R01 ES05452-01A1 1R29 DK42982-01A1 1R13 DC01226-01 1S15 GM47034-01 1R29 CA53199-01A1 1S15 HL47760-01 | AYRES, S M CLORE, JOHN N FARISS, MARC W LEBMAN, DEBORAH A NANCE, WALTER E TERNER, JAMES VALERIE, KRISTOFFER C WINDRIDGE, GRAHAM C | SMALL INSTRUMENTATION GRANT CONTROL MECHANISMS OF HEPATIC GLUCOSE OUTPUT CHEMICAL TOXICITY--PROTECTIVE ROLE OF VIT E SUCCINATE REGULATION OF IGA RESPONSE IN MURINE B LYMPHOCTYES HEREDITARY DEAFNESS WORKSHOP SMALL INSTRUMENTATION GRANT RADIATION-INDUCED GENE EXPRESSION SMALL INSTRUMENTATION GRANT | 74,712 138,919 191,097 106,748 112,750 5,000 85,013 24,884 |
| INSTITUTION TOTAL CITY TOTAL | 8 9 | 639,123 689,121 | |
| WILLIAMSBURG COLLEGE OF WILLIAM AND MARY 1R15 GM45942-01 | PHILLIPS, GREGORY J | GENETIC ANALYSIS OF HEAT SHOCK PROTEIN FUNCTION | 87,120 |
| INSTITUTION TOTAL CITY TOTAL STATE TOTAL | 1 1 21 | 87,120 87,120 2,308,016 | |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|--|---|---|
| WASHINGTON PULLMAN WASHINGTON STATE UNIVERSITY 1S15 NS30129-01 1R01 CA55254-01 1R01 GM46352-01 | BARNES, CHARLES D CROTEAU, RODNEY B REEVES, RAYMOND | SMALL INSTRUMENTATION GRANT BIOSYNTHESIS OF TAXOL A.T-SPECIFIC DNA-BINDING PROPERTIES OF A HUMAN PROTEIN | 16,945 166,000 156,348 |
| INSTITUTION TOTAL CITY TOTAL | 3 | 319,293 | 319,293 |
| SEATTLE BATTELLE MEMORIAL INSTITUTE--BATTELLE SEATTLE RESEARCH CENTER 1R01 AG09295-01A1 | MC LAUGHLIN, STEVEN D | PARENTS MARITAL HISTORY AND SUPPORT FROM ADULT CHILDREN | 150,013 |
| INSTITUTION TOTAL | 1 | 150,013 | |
| BIOMARINE TECHNOLOGIES, INC. 1R43 AR40645-01A1 | WINGET, RODNER R | EICOSAPENTAENOIC ACID FOR TOPICAL SKIN DISEASE TREATMENT | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| CHILDREN'S HOSPITAL AND MEDICAL CENTER 1R01 NS27867-01A2 1S15 AI32170-01 | MCLAUGHLIN, JOHN F SMITH, ARNOLD L | SELECTIVE DORSAL RHIZOTOMY: EFFECTS IN CEREBRAL PALSY SMALL INSTRUMENTATION GRANT | 414,205 13,045 |
| INSTITUTION TOTAL | 2 | 427,250 | |
| FRED HUTCHINSON CANCER RESEARCH CENTER 1R29 CA50858-01A1 1R01 AI30927-01A1 1R01 AI31873-01 1R01 CA54337-01 1R13 GM46322-01 | BOWEN, DEBORAH J EMERMAN, MICHAEL GERAGHTY, DANIEL E GROUDINE, MARK T HINRICHSEN, ROBERT D | TRYPTOPHAN AS AN ADJUNCT TO SMOKING CESSION THERAPY HIV HOST-CELL INTERACTIONS EXPRESSION & FUNCTION OF THREE NEW HLA CLASS I ANTIGENS C-MYC PROTO-ONCOGENE TRANSCRIPTIONAL ELONGATION BLOCK INTERNATIONAL MEETING ON CILIATE MOLECULAR BIOLOGY | 118,737 197,106 234,932 306,818 2,000 |
| INSTITUTION TOTAL | 5 | 859,593 | |
| INDIVIDUAL AWARD--MODELL, HAROLD 1R43 DK44064-01 | MODELL, HAROLD I | IMPACT OF COMPUTER SIMULATIONS ON PHYSIOLOGY TRAINING | 42,100 |
| INSTITUTION TOTAL | 1 | 42,100 | |
| INSTITUTE OF APPLIED PHYSIOLOGY AND MEDICINE 1S15 CA56010-01 | KLEPPER, JOHN RICHARD | SMALL INSTRUMENTATION GRANT | 5,000 |
| INSTITUTION TOTAL | 1 | 5,000 | |

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

GRANT NUMBER

PRINCIPAL INVESTIGATOR

**WASHINGTON
SEATTLE
SEATTLE BIOMEDICAL RESEARCH INSTITUTE
1S15 A132184-01
STUART, KENNETH D**

INSTITUTION TOTAL

15,057

**SWEDISH HOSPITAL MEDICAL CENTER
1R29 CA54998-01
VANDEVANTER, DONALD R**

INSTITUTION TOTAL

1

**TITLE OF RESEARCH PROPOSAL
SMALL INSTRUMENTATION GRANT**

INSTITUTION TOTAL

74,543

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|---|---|---|---|
| UNIVERSITY OF WASHINGTON 1R01 GM45134-01A1 1P01 HL44948-01A1 1R01 CA54561-01 1R29 DK43050-01A1 1R01 CA52874-01A1 1R01 DK42083-01A1 1S15 HL47687-01 1S15 HL47783-01 1S10 RR06236-01 1R01 HL44878-01A1 1R01 AG09769-01 1R01 ES05650-01 1R29 NS28650-01A1 1R01 GM66493-01 1S15 A132204-01 1R01 HL46557-01 1R29 AR60561-01A1 1R01 AG08673-01A2 1R03 HL46144-01A1 1R01 NS30108-01 1R03 RR06969-01 1R01 GM46255-01 1R13 DC01069-01 | BOMSZTYK, KAROL CATTERALL, WILLIAM A CHEEVER, MARTIN A GAUTHIER, VERLENE J GELB, MICHAEL H HAMMOND, WILLIAM P HOLBROOK, KAREN A JOHNSON, DALE E KNOVAGH, TERRANCE J KNAPP, ROBERT H LARSON, ERIC B LUCHTEL, DANIEL L MALOUF, ALFRED T MANOIL, COLIN C OMENN, GILBERT S PAPAYANNOPOLOU, THALIA SASSO, ERIC H SCHWARTZ, ROBERT S SHEEHAN, FLORENCE H SLATTERY, JOHN T SPELMAN, FRANCIS A THOMPSON, ELIZABETH A WERNER, LYNN A | INDUCED KINASES & TRANSCRIPTIONAL FACTORS MOLECULAR ANALYSIS OF SIGNAL TRANSDUCTION IN THE HEART RAS-SPECIFIC T CELL MEDIATED IMMUNOTHERAPY CATIONIC ANTIBODY STRUCTURE IN LUPUS RENAL DISEASE BIOCHEMISTRY OF PROTEIN PRENYLATION PATHOPHYSIOLOGY OF G-CSF IN NEUTROPENIA SMALL INSTRUMENTATION GRANT ANCHORED CELL ANALYSIS AND SORTING CYTOMETER DIETARY TREATMENT OF HYPERLIPIDEMIA IN WOMEN VS MEN EPIDEMIOLOGY OF DEMENTIA IN OLDER JAPANESE AMERICANS IN VITRO TOXICITY OF AIRBORNE POLLUTANTS AND CHEMICALS GABA CONTROL EXCITABILITY-CIRCUITRY AND MECHANISMS DETERMINANTS OF A SIMPLE MEMBRANE PROTEIN TOPOLOGY SMALL INSTRUMENTATION GRANT BIOLOGICAL PROPERTIES AND REGULATION OF STEM CELLS V GENE POLYMORPHISM IN SLE AND RA ADIPOSE DISTRIBUTION AND ADRENERGIC MECHANISMS IN AGING PROGNOSIS AND VENTRICULAR CURVATURE IN TIMI TRIAL MECHANISM OF CARBAMAZEPINE INDUCED TERATOGENICITY BIOMAGNETIC IMAGING OF COCHLEAR STIMULUS CURRENTS METHODS FOR THE GENETIC EPIDEMIOLOGY OF COMPLEX TRAITS DEVELOPMENTAL PSYCHOACOUSTICS CONFERENCE | 145,350 1,292,351 236,848 120,941 137,033 126,695 87,974 67,296 312,000 779,783 575,945 242,424 97,465 59,670 38,468 199,925 121,171 198,184 75,493 233,803 44,433 145,068 10,000 |
| INSTITUTION TOTAL | 23 | 5,348,320 | |
| VIRGINIA MASON RESEARCH CENTER 1S15 AR41228-01 NEPOM, GERALD T | 1 | 5,659 | |
| INSTITUTION TOTAL CITY TOTAL | 37 | 6,977,535 | |

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| VIRGINIA MASON RESEARCH CENTER 1S15 AR41228-01 NEPOM, GERALD T | 1 | 5,659 |
| INSTITUTION TOTAL CITY TOTAL | 37 | 6,977,535 |

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

| | | | |
|--|---|--|---|
| WASHINGTON TACOMA UNIVERSITY OF PUGET SOUND 1R15 GM46131-01 | RICKOLL, WAYNE L | CELL SURFACE FUNCTION IN MORPHOGENESIS IN DROSOPHILA | 94,287 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 94,287 94,287 | |
| STATE TOTAL | 41 | 7,391,115 | |
| WEST VIRGINIA HUNTINGTON MARSHALL UNIVERSITY 1R15 NS29566-01 1S15 ES05847-01 | FISH, STEPHEN E RANKIN, GARY O | EVOLUTION OF NEUROSENSORY MECHANISMS SMALL INSTRUMENTATION GRANT | 83,866 6,209 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 90,075 90,075 | |
| MORGANTOWN WEST VIRGINIA UNIVERSITY 1S10 RR06393-01 1R15 GM46067-01 1S15 HL47706-01 1R01 AG09519-01 | DEY, RICHARD D GANNETT, PETER M HEDGE, GEORGE A KEEFOVER, ROBERT | IMAGE ANALYSIS SYSTEM BASE-PAIRING & STACKING PROPERTIES OF 8-HYDROXYGUANINE SMALL INSTRUMENTATION GRANT SCREENING FOR ALZHEIMERS DISEASE IN A RURAL POPULATION | 106,000 100,229 24,303 708,756 |
| INSTITUTION TOTAL CITY TOTAL | 4 4 | 939,288 939,288 | |
| STATE TOTAL | 6 | 1,029,363 | |
| WISCONSIN MADISON MEDICAL DEVICES GROUP, INC. 1R43 DC01168-01 | HILL, CHARLES E, III | POWERED INCUS REPLACEMENT PROSTHESIS | 50,000 |
| INSTITUTION TOTAL | 1 | 50,000 | |
| UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1R01 NR02701-01 1R29 CA52142-01A1 1R29 DC01101-01 | BECKER, PATRICIA T CLARK, STEVEN S ELLIS WEISMER, SUSAN | REDUCING STRESS DURING HANDLING IN THE NICU TRANSFORMATION BY BCR-ABL ONCOGENES PROSODIC EFFECTS ON LANGUAGE IMPAIRED CHILDREN | 207,422 102,036 101,230 |

**NIH
RESEARCH GRANTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|---|--|---|
| WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON | HAUSER, ROBERT M KLEIN, BRUCE S LAMBERT, PAUL F LOVE, RICHARD R LUTIFI, ROBERT A OBERST, MARILYN T RICH, DANIEL H | LONGITUDINAL STUDY--PARENTS AND CHILDREN AT AGE 50 ANTIFUNGAL ROLE AND ACTION OF HUMAN T-CELL SUBSETS COORDINATE REGULATION IN TRANSFORMING PAPILLOMAVIRUSES CONFERENCE AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY INFORMATION IN AUDITORY PATTERNS SMALL INSTRUMENTATION GRANT SMALL INSTRUMENTATION GRANT | 453,935 62,199 89,099 10,000 114,990 5,000 14,446 |
| INSTITUTION TOTAL CITY TOTAL | 10 11 | 1,160,357 1,210,357 | |
| MARSHFIELD MARSHFIELD MEDICAL RESEARCH AND EDUCATION FOUNDATION | WEBER, JAMES L | SMALL INSTRUMENTATION GRANT | 5,979 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 5,979 5,979 | |
| MILWAUKEE BLOOD CENTER OF SOUTHEASTERN WISCONSIN 1S15 HL47764-01 | MONTGOMERY, ROBERT R | SMALL INSTRUMENTATION GRANT | 11,122 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 11,122 | |
| MARQUETTE UNIVERSITY 1S15 NS30120-01 1R15 AI30074-01A1 | BUCHANAN, JAMES T SHINNERS, ELIZABETH N | SMALL INSTRUMENTATION GRANT GENETIC LINKAGE RELATIONS OF NEISSERIA GONORRHOEAE | 5,000 90,512 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 95,512 | |
| MEDICAL COLLEGE OF WISCONSIN 1S15 CA56032-01 1R01 HL43164-01A2 1S10 RR06742-01 1R01 ES05773-01 1S10 RR06358-01 1R01 AR40766-01A1 | COOPER, RICHARD A EGAN, BRENT M HYDE, JAMES S LECH, JOHN J MARKWALD, ROGER R SABINA, RICHARD L | SMALL INSTRUMENTATION GRANT HYPERINSULINEMIA AND HYPERTENSION IN OVERWEIGHT MEN MEDSPEC 3T/60CM IMAGER SPECTROSCOPY SCANNER COMPARISON OF RAT & TROUT HEPATIC P450 INDUCTION LASER SCANNING CONFOCAL IMAGING SYSTEM UNIQUE AMINO DOMAINS AND AMP DEAMINASE ISOFORM DIVERSITY | 67,407 181,252 400,000 138,437 164,000 143,925 |
| INSTITUTION TOTAL | 6 | 1,095,021 | |

**NIH
RESEARCH GRANTS**

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

| | | | |
|------------------------|---|---|--------|
| WISCONSIN MILWAUKEE | UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE | SMALL INSTRUMENTATION GRANT | 5,000 |
| 1S15 HL47728-01 | DEVINE, ELIZABETH C | SMALL INSTRUMENTATION GRANT | 9,698 |
| 1S15 ES05849-01 | PETERING, DAVID H | MENSTRUAL CYCLICITY & PHYSICAL ACTIVITY--ROLE OF DIET | 97,742 |
| 1R15 HD24224-01A3 | SNYDER, ANN C | | |
| INSTITUTION TOTAL | 3 | | |
| CITY TOTAL | 12 | 112,440 | |
| STATE TOTAL | 24 | 1,314,095 | |
| | | 2,530,431 | |

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|--------------------|-----------------------|--|---------|
| WYOMING LARAMIE | UNIVERSITY OF WYOMING | INSUFFICIENT MILK SUPPLY--NURSING DIAGNOSIS/INTERVENTION | 215,378 |
| 1R01 NR02297-01A1 | HUMENICK, SHARRON S | | |
| INSTITUTION TOTAL | 1 | 215,378 | |
| CITY TOTAL | 1 | 215,378 | |
| STATE TOTAL | 1 | 215,378 | |

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|----------------------|--------------------------|-----------------------------|-------|
| PUERTO RICO PONCE | PONCE SCHOOL OF MEDICINE | SMALL INSTRUMENTATION GRANT | 6,173 |
| 1S15 GM47052-01 | EYLAR, EDWARD H | | |
| INSTITUTION TOTAL | 1 | 6,173 | |
| CITY TOTAL | 1 | 6,173 | |
| STATE TOTAL | 1 | 6,173 | |

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|------------------------|---|------------------------------------|--------|
| AUSTRALIA MELBOURNE | WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH | TOLERANCE TO EXTRA-THYMIC ANTIGENS | 91,735 |
| 1R01 AI29385-01A1 | MILLER, JACQUES F | | |
| INSTITUTION TOTAL | 1 | 91,735 | |
| CITY TOTAL | 1 | 91,735 | |

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|--------------------------------------|-----------------|--|--------|
| PARKVILLE UNIVERSITY OF MELBOURNE | FURNESS, JOHN B | GASTROINTESTINAL NERVE CIRCUITS IN COLONIC CONTROL | 62,160 |
| 1R01 NS28316-01A1 | | | |

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

| | | |
|-------------------|---|---------|
| INSTITUTION TOTAL | 1 | |
| CITY TOTAL | 1 | 62,160 |
| STATE TOTAL | 2 | 62,160 |
| | | 153,895 |

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|--------------------|---|---------|
| CANADA | | |
| MONTREAL | | |
| MC GILL UNIVERSITY | | |
| 1R01 NS28220-01A2 | | |
| 1R01 DK44006-01 | | |
| DIKSIĆ, MIRKO | | |
| HANRAHAN, JOHN W | | |
| INSTITUTION TOTAL | 2 | |
| CITY TOTAL | 2 | 315,292 |
| | | 315,292 |

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|---|--------------------|---------|
| OTTAWA | | |
| ONTARIO CANCER TREATMENT AND RESEARCH FOUNDATION--OTTAWA REGIONAL CANCER CENTER | | |
| 1R01 CA54184-01 | RAAPHORST, G PETER | |
| INSTITUTION TOTAL | 1 | 118,128 |
| CITY TOTAL | 1 | 118,128 |

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|-----------------------|-------------|---------|
| TORONTO | | |
| UNIVERSITY OF TORONTO | | |
| 1R01 DE09559-01 | HU, JAMES W | |
| INSTITUTION TOTAL | 1 | |
| CITY TOTAL | 1 | 96,790 |
| STATE TOTAL | 4 | 96,790 |
| | | 530,210 |

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|---------------------|-----------------------|--------|
| FINLAND | | |
| TURKU | | |
| UNIVERSITY OF TURKU | | |
| 1R01 EY09040-01 | NIKOSKELAINEN, EEVA K | |
| INSTITUTION TOTAL | 1 | 99,600 |
| CITY TOTAL | 1 | 99,600 |
| STATE TOTAL | 1 | 99,600 |

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NIH
RESEARCH GRANTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|--|------------------------|--|--------------------|
| FRANCE LYON WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER 1R13 CA54157-01 | | Biomonitoring and Susceptibility Markers in Human Cancer | 3,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 3,000 3,000 |
| STATE TOTAL | 1 | | 3,000 |
| ISRAEL HAIFA HAIFA UNIVERSITY 1R01 HD25975-01A1 | SAGI, ABRAHAM | Israeli Infants and Daycare: An Ecological Study | 159,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 159,000 159,000 |
| TEL HASHOMER EQUAL OPPORTUNITY FUND 1R13 HD25480-01A2 | HAREL, SHAUL | Third International Workshop on the At-Risk Infant | 14,185 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 14,185 14,185 |
| STATE TOTAL | 2 | | 173,185 |
| TRINIDAD/TOBA PORT-OF-SPAIN COMMONWEALTH CARIBBEAN MEDICAL RESEARCH COUNCIL (CCMRC) 1R13 AR41073-01 | PICOU, DAVID | CCMRC MEETING - COLLABORATIVE RESEARCH PLANNING EFFORT | 43,500 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 43,500 43,500 |
| STATE TOTAL | 1 | | 43,500 |
| UNITED KINGDOM LONDON UNIVERSITY OF LONDON 1R13 DK43185-01 | SIMMONDS, HERMIONE A | International Symposium on Purine Metabolism in Man | 3,000 |
| INSTITUTION TOTAL | 1 | | 3,000 |

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| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL |
| NIH RESEARCH GRANTS | | |

DOLLARS
WARDED

| UNITED KINGDOM | | NEWCASTLE-UPON-TYNE | | UNIVERSITY OF NEWCASTLE UPON TYNE | | ANION CONDUCTANCES IN DUCTAL EPITHELIAL CELLS AND CF | |
|-------------------|--|---------------------|------------|-----------------------------------|-------------|--|--|
| | | 1R01 | DK43956-01 | GRAY, MICHAEL A | | | |
| INSTITUTION TOTAL | | 1 | | | 66,483 | | |
| CITY TOTAL | | 1 | | | 66,483 | | |
| STATE TOTAL | | 2 | | | 69,483 | | |
| TOTAL | | 1,367 | | | 167,550,660 | | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|-------------------|--|--------------------------------|
| ALABAMA BIRMINGHAM SOUTHERN RESEARCH INSTITUTE 1N01 HD13113-00 | JACKSON, THOMAS E | SPERMICIDAL-RELEASING VAGINAL BARRIER CONTRACEPTIVE | 520,288 |
| INSTITUTION TOTAL | 1 | 520,288 | |
| UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1N01 AR12207-00 ALARCON, GRACIELA 1N01 HD13122-00 HAUTIE, JOHN C 1N01 AI15113-00 WHITIE, RICHARD D | | MIRA - MINOCYCLINE IN RHEUMATOID ARTHRITIS TRIAL OF CALCIUM SUPPLEMENTATION IN PREGNANCY THERAPIES FOR SEVERE HERPES VIRUS INFECTION | 51,776 192,156 1,238,675 |
| INSTITUTION TOTAL | 3 | 1,482,607 | |
| CITY TOTAL | 4 | 2,002,895 | |
| STATE TOTAL | 4 | 2,002,895 | |
| CALIFORNIA | | | |
| IRVINE BAXTER HEALTHCARE CORPORATION--TECHNOLOGY AND VENTURES DIVISION 1N01 HD13120-00 COULTER, STEPHEN L | | DEVELOPMENT OF A MODIFIED LATEX CONDOM | 467,000 |
| INSTITUTION TOTAL | 1 | 467,000 | |
| CITY TOTAL | 1 | 467,000 | |
| LOS ANGELES | | | |
| LOS ANGELES REGIONAL FAMILY PLANNING COUNCIL 1N01 HD13109-00 BERNSTEIN, GERALD S | | NON-LATEX (POLYURETHANE) MALE CONDOM | 371,912 |
| INSTITUTION TOTAL | 1 | 371,912 | |
| UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1N01 LM13507-00 BUNTING, ALISON | | NATIONAL NETWORK OF LIBRARIES OF MEDICINE | 678,776 |
| INSTITUTION TOTAL | 1 | 678,776 | |
| CITY TOTAL | 2 | 1,050,688 | |
| MENLO PARK | | | |
| SRI INTERNATIONAL 1N01 CM17502-00 DAWSON, MARCIA 1N01 AI15111-00 MACGREGOR, JAMES | | NATURAL PRODUCTS LEAD-BASED SYNTHESIS INVESTIGATIONAL NEW OI DRUG TOXICOLOGY | 559,037 621,813 |
| INSTITUTION TOTAL | 2 | 1,180,850 | |
| CITY TOTAL | 2 | 1,180,850 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|--------------------------------------|--|-----------------|
| CALIFORNIA RICHMOND BERKELEY ANTIBODY COMPANY 1N43 ES11004-00 1N403 ES11004-00 | ANDERSON, THOMAS ANDERSON, THOMAS | NONISOTOPIC IMMUNOASSAYS FOR CYCLIC NUCLEOTIDES NONISOTOPIC IMMUNOASSAYS FOR CYCLIC NUCLEOTIDES | 50,000 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 50,000 50,000 | |
| SACRAMENTO GENERAL TIRE AND RUBBER COMPANY--AEROJET SOLID PROPULSION COMPANY 1N01 CM17545-00 | BACKLUND, STEPHEN J | LARGE SCALE PREPARATION OF ANTI-AIDS AND ANTI-CANCER | 543,185 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 543,185 543,185 | |
| SAN DIEGO ADVANCED DIVERSIFIED TECHNOLOGY, INC. 1N43 NS12309-00 1N43 NS12309-00 | LIN, CHARLES LIN, CHARLES | INORGANIC POLYMER COATINGS FOR NEURAL PROSTHESES INORGANIC POLYMER COATINGS FOR NEURAL PROSTHESES | 50,000 |
| INSTITUTION TOTAL | 2 | 50,000 | |
| APEX MEDICAL TECHNOLOGIES, INC. 1N01 HD13110-00 | MCGLOTHIN, MARK W | DEVELOP AND TEST A POLYURETHANE MALE CONDOM | 441,690 |
| INSTITUTION TOTAL CITY TOTAL | 1 3 | 441,690 491,690 | |
| SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1N01 DC12400-00 | LEAKE, PATRICIA A | PATTERNED ELECTRICAL STIMULATION/DEAFENED | 366,058 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 366,058 366,058 | |
| SIMI VALLEY PHARM-ECO LABORATORIES 1N01 CM17543-00 | NAGARAJAN, SRIDHER | SYNTHESIS OF BULK CHEMICALS AND DRUGS | 486,773 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 486,773 486,773 | |

**NIH
RESEARCH CONTRACTS**

DOLLARS
AWARDED

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|--------------------------------|--|-----------------|
| STATE TOTAL | 1 3 | 4,636,244 | |
| COLORADO BOULDER BIOSTAR MEDICAL PRODUCTS, INC. 1N43 ES11001-00 1N43 ES11001-00 | MAUL, DIANA M MAUL, DIANA M | SBIR TOPIC NUMBER 030 OPTICAL IMMUNOASSAY SBIR TOPIC NUMBER 030 OPTICAL IMMUNOASSAY | 47,895 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 47,895 | |
| STATE TOTAL | 2 | 47,895 | |
| CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1N01 LM13508-00 | ARCARA, RALPH | NATIONAL NETWORK OF LIBRARIES OF MEDICINE | 623,482 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 623,482 | |
| STATE TOTAL | 1 | 623,482 | |
| DIST OF COL WASHINGTON AMERICAN NATIONAL RED CROSS 1N01 CL12108-00 | OBLITAS, JAIME | DONOR Apheresis Services | 1,450,419 |
| INSTITUTION TOTAL | 1 | 1,450,419 | |
| CUSHMAN, DARBY, AND CUSHMAN 1N01 LM13534-00 | BROWN, SUSAN | TRADEMARK AND COPYRIGHT LEGAL SERVICES | 2,195 |
| INSTITUTION TOTAL | 1 | 2,195 | |
| FLEIT, JACOBSON, COHN, PRICE, HOLMAN, AND STERN 1N01 LM13533-00 | STERN, MARVIN | TRADEMARK AND COPYRIGHT LEGAL SERVICES | 6,305 |
| INSTITUTION TOTAL | 1 | 6,305 | |
| GEORGE WASHINGTON UNIVERSITY 1N01 DE12585-00 | ORENSTEIN, JAN M | MONONUCLEAR PHAGOCYTES IN OPPORTUNISTIC INFECTIONS IN AI | 183,955 |
| INSTITUTION TOTAL | 1 | 183,955 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|------------------|--|-----------------|
| DIST OF COL WASHINGTON UNIVERSITY 1N01 LM13531-00 | WALTERS, LEROY | SUPPORT FOR THE BIOETHICSLINE DATABASE | 275,000 |
| INSTITUTION TOTAL 1 | | | 275,000 |
| NATIONAL ACADEMY OF SCIENCES 1N01 DK12270-00 | THOMAS, PAUL R | OPPORTUNITIES IN THE NUTRITION AND FOOD SCIENCES | 80,000 |
| INSTITUTION TOTAL CITY TOTAL 6 | 1 | 80,000 | |
| | | 1,997,874 | |
| STATE TOTAL 6 | | 1,997,874 | |
| GEORGIA CHAMBLEE IPD PRINTING AND DISTRIBUTING 1N01 C015685-00 | HARTMAN, RAYMOND | TALKING WITH YOUR CHILD ABOUT CANCER | 36,574 |
| INSTITUTION TOTAL CITY TOTAL 1 | 1 | 36,574 | |
| | | 36,574 | |
| STATE TOTAL 1 | | 36,574 | |
| ILLINOIS CHICAGO AMERICAN DENTAL ASSOCIATION HEALTH FOUNDATION 1N01 DE12584-00 | STANFORD, JOHN W | DENTAL INSTRUMENTS AND MATERIALS/STANDARDS DEVELOPMENT | 242,234 |
| INSTITUTION TOTAL 1 | | | 242,234 |
| UNIVERSITY OF ILLINOIS AT CHICAGO 1N01 LM13503-00 | WEISE, FRIEDA O | NATIONAL NETWORK OF LIBRARIES OF MEDICINE | 677,021 |
| INSTITUTION TOTAL CITY TOTAL 2 | 1 | 919,255 | |
| | | 919,255 | |
| STATE TOTAL 2 | | | |
| IOWA IOWA CITY UNIVERSITY OF IOWA 1N01 DC12107-00 | TOMBLIN, BRUCE | EPIDEMIOLOGY OF SPECIFIC LANGUAGE IMPAIRMENT | 289,615 |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|-----------------------------------|---|-------------------|
| INSTITUTION TOTAL CITY TOTAL 1N01 AI15119-00 | 1 1 | 289,615 289,615 | 289,615 |
| STATE TOTAL | 1 | 289,615 | |
| LOUISIANA NEW ORLEANS TULANE UNIVERSITY OF LOUISIANA 1N01 AI15119-00 | MARTIN, LOUIS | EVALUATION OF AIDS THERAPIES IN ANIMAL RETROVIRAL MODELS | 946,386 |
| INSTITUTION TOTAL CITY TOTAL 1N01 HD13119-00 | 1 1 | 946,386 946,386 | 946,386 |
| STATE TOTAL | 1 | 946,386 | |
| MARYLAND BALTIMORE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1N01 LM13502-00 1N01 HD13119-00 | CUNNINGHAM, DIANA SEXTON, MARY | BALTIMORE PROFESSIONAL SCHOOL NATIONAL NETWORK OF LIBRARIES OF MEDICINE SMOKING CESSATION INTERVENTION FOR PREGNANT WOMEN | 760,163 83,852 |
| INSTITUTION TOTAL CITY TOTAL 1N01 AI15108-00 | 2 | 844,015 844,015 | 844,015 |
| BELTSVILLE SYSTEMS, INC. 1N01 AI15108-00 | EXPOSITO, LORENZO | R&D SUPPORT FOR CMRS | 378,194 |
| INSTITUTION TOTAL CITY TOTAL 1N01 AI15108-00 | 1 1 | 378,194 378,194 | 378,194 |
| BETHESDA COSTABILE ASSOCIATES 1N01 LM13519-00 | SULLIVAN, CONSTANCE | LIMITED CATALOGING OF FOREIGN LANGUAGE MONOGRAPHS | 45,677 |
| INSTITUTION TOTAL | 1 | | 45,677 |
| INTERNATIONAL BUSINESS MACHINES CORPORATION 1N01 LM13521-00 1N01 LM13514-00 | MC CORMICK, RICK | NLM COMPUTER SYSTEMS MAINTENANCE SOFTWARE UPGRADE FOR IBM MVS SYSTEM | 51,674 13,024 |
| INSTITUTION TOTAL | 2 | 64,698 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|-----------------------------------|---|--------------------|
| MARYLAND BETHESDA TASCON, INC. 1N01 CM17503-00 | DEGRAFFENREID, LINDA | CONFERENCE AND LOGISTICAL SUPPORT SERVICES | 20,000 |
| INSTITUTION TOTAL CITY TOTAL | 1 4 | 20,000 130,375 | |
| GAITHERSBURG BALMAR PRINTING AND GRAPHICS, INC. 1N01 C015710-00 1N01 C015725-00 | KOHLER, BEN KOHLLER, BEN | NCI FACT BOOK - 1990 CANCER STATISTICS REVIEW | 16,485 24,452 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 40,937 40,937 | |
| KENSINGTON ORGANON TEKNIKA CORPORATION--ADVANCED BIOSCIENCE LABORATORIES, INC. 1N01 CP15643-00 | SARNGADHARAN, M G | PURIFY AND CHARACTERIZE HIV VIRAL PROTEINS | 248,923 |
| INSTITUTION TOTAL | 1 | | |
| SENTIENT SYSTEMS, INC. 1N01 LM13527-00 | CASEY, STEPHEN M | NLM TOXNET SYSTEM SUPPORT | 452,350 |
| INSTITUTION TOTAL CITY TOTAL | 1 2 | 452,350 701,273 | |
| LANHAM SYLVEST MANAGEMENT SYSTEMS CORPORATION 1N01 LM13530-00 | REID, DARRELL | MAINT & ENHANCEMENT OF NCBI & LHNCBC COMPUTING SYSTEM | 273,567 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 273,567 273,567 | |
| POTOMAC EMMES CORPORATION 1N01 CM17507-00 1N01 CM17506-00 | GOTAY, CAROLYN C NOVAK, JOEL W | INFORMATION MANAGEMENT SUPPORT CLINICAL TRIALS DATA MANAGEMENT SUPPORT | 130,000 130,000 |
| INSTITUTION TOTAL CITY TOTAL | 2 2 | 260,000 260,000 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|--------------------|---|-----------------|
| MARYLAND ROCKVILLE AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH--BIOMEDICAL RESEARCH, INC. 1N01 AI15112-00 | LEWIS, FRED A | PRODUCTION AND DELIV SCHISTOSOME MANSONI | 150,678 |
| INSTITUTION TOTAL | 1 | 150,678 | |
| AMERICAN TYPE CULTURE COLLECTION 1N01 HD13132-00 | NIERMAN, WILLIAM C | REPOSITORY OF MICE & HUMAN DNA PROBES & HUMAN LIBRARIES | 114,339 |
| INSTITUTION TOTAL | 1 | 114,339 | |
| COMPUTERCRAFT CORPORATION 1N01 LM13525-00 | HILL, GENE E | SPECIALIZED DATA ENTRY FOR GENINFO DATABASES | 98,481 |
| INSTITUTION TOTAL | 1 | 98,481 | |
| DIAGNON CORPORATION--BIOQUAL, INC. 1N01 HD13130-00 | NAQVI, REHAN H | BIOLOGICAL TESTING FACILITY | 875,000 |
| INSTITUTION TOTAL | 1 | 875,000 | |
| DYNAMAC INTERNATIONAL, INC.--DYNAMAC CORPORATION 1N01 LM13528-00 | ORIGONI, REGINA | HAZARDOUS SUBSTANCES DATA BANK | 363,000 |
| INSTITUTION TOTAL | 1 | 363,000 | |
| MICROBIOLOGICAL ASSOCIATES, INC. 1N01 ES15319-00 | WENK, MARTIN L | TOXICITY STUDIES | 1,748,333 |
| INSTITUTION TOTAL | 1 | 1,748,333 | |
| ROW SCIENCES, INC. 1N01 ES15323-00 | BRIGGS, BRUCE C | REPRODUCTIVE TOXICITY TEST SYSTEM | 1,208,120 |
| 1N01 CN15348-00 | NIEMCZYK, STEVE | SUPPORT FOR CANCER CONTROL SCIENCE PROGRAM | 299,896 |
| 1N01 LM13511-00 | SILVERMAN, JAY | TASK MANAGEMENT AND SOFTWARE ENHANCEMENT/ASB | 100,000 |
| 1N01 LM13532-00 | SILVERMAN, JOHN | RELATIONAL DATABASE SOFTWARE/AWARDS BY NCHGR | 145,318 |
| INSTITUTION TOTAL | 4 | 1,753,334 | |
| S AND S GRAPHICS, INC. 1N01 C015722-00 | WECKER, DONALD | NATIONAL CANCER ADVISORY BOARD | 2,943 |
| INSTITUTION TOTAL | 1 | 2,943 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|---|---|-----------------|
| MARYLAND | | | |
| ROCKVILLE SANAD SUPPORT TECHNOLOGIES, INC. 1N01 LM13520-00 | SULEIMAN, JOANN D | LIMITED CATALOGING OF FOREIGN LANGUAGE MONOGRAPHS | 28,610 |
| INSTITUTION TOTAL | 1 | 28,610 | |
| WESTAT, INC. 1N01 HD13118-00 | MAKLAN, DAVID | SMOKING CESSION INTERVENTION FOR PREGNANT WOMEN | 530,173 |
| INSTITUTION TOTAL | 1 | 530,173 | |
| CITY TOTAL | 13 | 5,664,891 | |
| SILVER SPRING JOHNSON, BASSIN AND SHAW, INC. 1N01 AI15117-00 | SHAW, JERRI | OUTREACH/EDUCATION/TECHNOLOGY TRANSFER | 749,992 |
| INSTITUTION TOTAL | 1 | 749,992 | |
| CITY TOTAL | 1 | 749,992 | |
| STATE TOTAL | 28 | 9,043,244 | |
| MASSACHUSETTS | | | |
| BOSTON BETH ISRAEL HOSPITAL 1N01 AR12205-00 | TRENTHAM, DAVID | MIRA - MINOCYCLINE IN RHEUMATOID ARTHRITIS | 71,037 |
| INSTITUTION TOTAL | 1 | 71,037 | |
| MASSACHUSETTS GENERAL HOSPITAL 1N01 HI19054-00 | SACHS, DAVID H | TOLERANCE INDUCTION TO A CLASS I ANTIGEN BY RETRO. TRANS. | 99,919 |
| INSTITUTION TOTAL | 1 | 99,919 | |
| CITY TOTAL | 2 | 170,956 | |
| CAMBRIDGE BOLT BERANEK AND NEWMAN, INC. 1N01 RR12103-00 | BBN SYSTEMS AND TECHNOLOGIES CORPORATION SEIBEL, FREDERICK | PROPHET SYSTEMS SUPPORT AND ENHANCEMENT | 2,0001,000 |
| INSTITUTION TOTAL | 1 | 2,0001,000 | |
| CITY TOTAL | 1 | 2,0001,000 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|---|--|-------------------|
| MASSACHUSETTS NORWOOD EIC LABORATORIES, INC. 1N43 NS12311-00 1N43 NS12311-00 1N01 NS12300-00 | COGAN, STUART F COGAN, STUART F ROBBLEE, LOIS S | THIN-FILM HERMETIC COATINGS THIN-FILM HERMETIC COATINGS ELECTROCHEMISTRY OF STIMULATING ELECTRODE | 49,997 326,887 |
| INSTITUTION TOTAL CITY TOTAL | 3 | 376,884 376,884 | |
| WATERTOWN NEW ENGLAND RESEARCH INSTITUTE, INC. 1N01 AI15105-00 | WITTES, JANET | DCC: NATIONAL COOP INNER-CITY ASTHMA STUDY | 491,394 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 491,394 491,394 | |
| WOBURN BIOTEK, INC. 1N43 NS12310-00 1N43 NS12310-00 | NUWAYSER, E S NUWAYSER, E S | SUPPOSITORIES FOR RAPID ANTI-EPILEPTIC DIAZEPAM DELIVERY SUPPOSITORIES FOR RAPID ANTI-EPILEPTIC DIAZEPAM DELIVERY | 49,982 |
| INSTITUTION TOTAL | 2 | 49,982 | |
| GENTEST CORPORATION 1N43 ES11002-00 1N43 ES11002-00 | CRESPI, CHARLES CRESPI, CHARLES | SBIR TOPIC NUMBER 021 DEVELOPMENT OF HUMAN CELL LINES SBIR TOPIC NUMBER 021 DEVELOPMENT OF HUMAN CELL LINES | 49,949 49,949 |
| INSTITUTION TOTAL CITY TOTAL | 2 4 | 49,949 99,931 | |
| WOODS HOLE MARINE BIOLOGICAL LABORATORY 1N01 NS12301-00 | | LOGISTICAL AND RESEARCH SUPPORT SERVICES | 175,241 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 175,241 175,241 | |
| WORCESTER E G & G, INC.--MASON RESEARCH INSTITUTE 1N01 AI15114-00 | WYAND, MICHAEL S | EVALUATION IN MONKEYS OF CANDIDATE VACCINES FOR SAIDS | 560,266 |
| INSTITUTION TOTAL | 1 | | 560,266 |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|--|--|-----------------|
| CITY TOTAL | 1 | 560,266 | |
| STATE TOTAL | 13 | 3,875,672 | |
| MICHIGAN | | | |
| DETROIT ASH STEVENS, INC. 1N01 CM17510-00 | MARKOVAC, ANICA | SYNTHESIS OF BULK CHEMICALS AND DRUGS | 474,309 |
| INSTITUTION TOTAL | 1 | | 474,309 |
| CITY TOTAL | 1 | | 474,309 |
| STATE TOTAL | 1 | | 474,309 |
| MISSOURI | | | |
| COLUMBIA NICHOLS TECHNOLOGIES, INC. 1N43 NS12312-00 1N43 NS12312-00 | NICHOLS, MICHAEL F NICHOLS, MICHAEL F | HERMETIC ENCAPSULATION OF WIRES & CABLES HERMETIC ENCAPSULATION OF WIRES & CABLES | 49,730 |
| INSTITUTION TOTAL | 2 | | 49,730 |
| CITY TOTAL | 2 | | 49,730 |
| SAIN T LOUIS | | | |
| WASHINGTON UNIVERSITY 1N01 HD13104-00 | MARSHALL, GARLAND R | PEPTIDE ANTAGONISTS OF LHRH AS GONADOTROPIN INHIBITORS | 214,982 |
| INSTITUTION TOTAL | 1 | | 214,982 |
| CITY TOTAL | 1 | | 214,982 |
| STATE TOTAL | 3 | | 264,712 |
| NEBRASKA | | | |
| OMAHA UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA 1N01 LM13504-00 | WOELFL, NANCY | MEDICAL CENTER NATIONAL NETWORK OF LIBRARIES OF MEDICINE | 559,891 |
| INSTITUTION TOTAL | 1 | | 559,891 |
| CITY TOTAL | 1 | | 559,891 |
| STATE TOTAL | 1 | | 559,891 |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|------------------|---|--------------------|
| NEW JERSEY NEW BRUNSWICK RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK 1N01 HD13128-00 | CHIEN, YIE W | SPERMICIDAL-RELEASING VAGINAL BARRIER CONTRACEPTIVE | 421,739 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 421,739 421,739 |
| STATE TOTAL | 1 | | 421,739 |
| NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1N01 HD13124-00 | CURET, LUIS | TRIAL OF CALCIUM SUPPLEMENTATION IN PREGNANCY | 205,958 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 205,958 205,958 |
| STATE TOTAL | 1 | | 205,958 |
| NEW YORK BUFFALO STARKEY ASSOCIATES 1N01 CM17544-00 | PARSONS, JACK | SYNTHESIS OF BULK CHEMICALS AND DRUGS | 420,787 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 420,787 420,787 |
| GERMANTOWN TAONIC FARMS, INC. 1N01 CM17549-00 | PHELAN, SAM | MAINTENANCE OF A RODENT PRODUCTION CENTER | 260,751 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 260,751 260,751 |
| NEW YORK NEW YORK ACADEMY OF MEDICINE 1N01 LM13501-00 | DOWNING, ARTHUR | NATIONAL NETWORK OF LIBRARIES OF MEDICINE | 736,933 |
| INSTITUTION TOTAL | 1 | | 736,933 |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|-------------------|--|-----------------|
| NEW YORK | | | |
| NEW YORK STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN | KAPLAN, DAVID | | 62,833 |
| 1N01 AR12203-00 | | | |
| INSTITUTION TOTAL | 1 | 62,833 | |
| CITY TOTAL | 2 | 799,766 | |
| SYRACUSE | | | |
| SYRACUSE RESEARCH CORPORATION | HOWARD, PHILLIP | ENVIRONMENTAL FATE & EXPOSURE INFORMATION | 92,000 |
| 1N01 LM13529-00 | | | |
| INSTITUTION TOTAL | 1 | 92,000 | |
| CITY TOTAL | 1 | 92,000 | |
| STATE TOTAL | 5 | 1,573,304 | |
| NORTH CAROLINA | | | |
| DURHAM | | | |
| DUKE UNIVERSITY | WARD, FRANCES E | ALLOANYLISERA AND MOLECULAR PROBES MHC PUBLIC | 315,464 |
| 1N01 AI15116-00 | | | |
| INSTITUTION TOTAL | 1 | 315,464 | |
| CITY TOTAL | 1 | 315,464 | |
| RESEARCH TRIANGLE PARK | | | |
| RESEARCH TRIANGLE INSTITUTE | KEPLER, J A | PREPARATION OF RADIOLABELED ANTI-AIDS COMPOUNDS | 707,855 |
| 1N01 CM17511-00 | WHISNANT, CAROL C | GENETIC MONITORING OF INBRED RODENTS | 149,876 |
| 1N01 ES15317-00 | | | |
| INSTITUTION TOTAL | 2 | 857,731 | |
| CITY TOTAL | 2 | 857,731 | |
| STATE TOTAL | 3 | 1,173,195 | |
| OHIO | | | |
| CINCINNATI | | | |
| SPIRAL SYSTEMS, INC. | SIOSHANSI, PIRAN | IBAD HERMETIC SEALS: IRIDIUM COATINGS FOR NEURAL STIMU | 49,596 |
| 1N43 NS12313-00 | SIOSHANSI, PIRAN | 1 | |
| 1N43 NS12313-00 | | IBAD HERMETIC SEALS--IRIDIUM COATINGS FOR NEURAL STIMU | |
| INSTITUTION TOTAL | 2 | 49,596 | |
| CITY TOTAL | 2 | 49,596 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|--|---|---------------------------------|
| OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1N01 HD13125-00 | CATALANO, PATRICK M | TRIAL OF CALCIUM SUPPLEMENTATION IN PREGNANCY | 123,040 |
| INSTITUTION TOTAL | 1 | 123,040 | |
| CITY TOTAL | 1 | 123,040 | |
| COLUMBUS BATTTELLE MEMORIAL INSTITUTE 1N01 ES15314-00 1N01 ES15320-00 1N01 ES15322-00 | KURTZ, PERRY KURTZ, PERRY KURTZ, PERRY | CHRONIC STUDIES OF COCONUT OIL FATTY ACIDS TOXICITY STUDIES CHRONIC STUDY OF OXAZEPAM AND PENTACHLOROPHENOL | 698,588 2,019,833 467,286 |
| INSTITUTION TOTAL | 3 | 3,185,707 | |
| CITY TOTAL | 3 | 3,185,707 | |
| STRONGSVILLE KENNEDY GRAPHICS 1N01 C015686-00 | TOTH, FRANK | TAKING TIME | 145,500 |
| INSTITUTION TOTAL | 1 | 145,500 | |
| CITY TOTAL | 1 | 145,500 | |
| STATE TOTAL | 7 | 3,503,843 | |
| OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1N01 HD13123-00 | MORRIS, CYNTHIA | TRIAL OF CALCIUM SUPPLEMENTATION IN PREGNANCY | 163,074 |
| INSTITUTION TOTAL | 1 | 163,074 | |
| CITY TOTAL | 1 | 163,074 | |
| STATE TOTAL | 1 | 163,074 | |
| PENNSYLVANIA PHILADELPHIA BIOLOGICAL ABSTRACTS 1N01 LM13540-00 | KIESEL, BRUCE | BIOSIS/TOXLINE COMPONENT | 156,000 |
| INSTITUTION TOTAL | 1 | 156,000 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|-------------------|--|-----------------|
| PENNSYLVANIA PHILADELPHIA INFORMATION VENTURES, INC. 1N01 LM13523-00 | KLEINSTEIN, BRUCE | INDEXING OF BIOMEDICAL LITERATURE | 271,539 |
| INSTITUTION TOTAL | 1 | 271,539 | |
| KESSLER COMMUNICATIONS, INC. 1N01 LM13524-00 | KESSLER, S SIM | INDEXING OF BIOMEDICAL LITERATURE | 143,298 |
| INSTITUTION TOTAL | 1 | 143,298 | |
| CITY TOTAL | 3 | 570,837 | |
| PITTSBURGH UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1N01 AI15115-00 | DUQUESNOY, RENE J | ALOANTISERA AND MOLECULAR PROBES FOR MHC PUBLIC | 266,258 |
| INSTITUTION TOTAL | 1 | 266,258 | |
| CITY TOTAL | 1 | 266,258 | |
| STATE TOTAL | 4 | 837,095 | |
| RHODE ISLAND STERLING BDS SYSTEMS, INC. 1N01 LM13526-00 | HUFF, STEVEN | MULTIMODALITY RADIOLOGICAL IMAGE PROCESSING SYSTEM | 889,037 |
| INSTITUTION TOTAL | 1 | 889,037 | |
| CITY TOTAL | 1 | 889,037 | |
| STATE TOTAL | 1 | 889,037 | |
| TENNESSEE MEMPHIS UNIVERSITY OF TENNESSEE AT MEMPHIS 1N01 HD13126-00 | SIBAI, BAHA M | TRIAL OF CALCIUM SUPPLEMENTATION IN PREGNANCY | 184,110 |
| INSTITUTION TOTAL | 1 | 184,110 | |
| CITY TOTAL | 1 | 184,110 | |
| STATE TOTAL | 1 | 184,110 | |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|--|--------------------------------|--|-----------------|
| TEXAS | | | |
| HOUSTON DNA SCIENCES, INC. 1N43 ES11003-00 1N63 ES11003-00 | GRATZNER, H G GRATZNER, H G | SBIR TOPIC NUMBER 026 ASSAYS FOR DNA METHYLATION SBIR TOPIC NUMBER 026 ASSAYS FOR DNA METHYLATION | 49,764 |
| INSTITUTION TOTAL | 2 | 49,764 | |
| HOUSTON ACADEMY OF MEDICINE--TEXAS MEDICAL CENTER LIBRARY 1N01 LM13505-00 | LYDERS, RICHARD | NATIONAL NETWORK OF LIBRARIES OF MEDICINE | 754,296 |
| INSTITUTION TOTAL | 1 | 754,296 | |
| CITY TOTAL | 3 | 804,060 | |
| STATE TOTAL | 3 | 804,060 | |
| UTAH | | | |
| SALT LAKE CITY UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1N01 AR12206-00 | CLEGG, DANIEL O | MIRA - MINOCYCLINE IN RHEUMATOID ARTHRITIS | 77,897 |
| INSTITUTION TOTAL | 1 | 77,897 | |
| CITY TOTAL | 1 | 77,897 | |
| STATE TOTAL | 1 | 77,897 | |
| VIRGINIA | | | |
| ARLINGTON HERNER AND COMPANY 1N01 LM13522-00 | KELLY, EDWARD I | INDEXING OF BIOMEDICAL LITERATURE | 185,564 |
| INSTITUTION TOTAL | 1 | 185,564 | |
| JAMES BELL ASSOCIATES, INC. 1N01 0D12105-00 | BELL, JAMES | IMPACT OF THE FEDERAL DEMONSTRATION PROJECT | 157,159 |
| INSTITUTION TOTAL | 1 | 157,159 | |
| CITY TOTAL | 2 | 342,723 | |
| RICHMOND CARTER PRINTING COMPANY, INC. 1N01 C015691-00 | LINDENZWEIG, C R | BREAST RECONSTRUCTION--A MATTER OF CHOICE | 28,529 |

**NIH
RESEARCH CONTRACTS**

| CONTRACT NUMBER | PROJECT DIRECTOR | SCOPE OF WORK | DOLLARS AWARDED |
|---|--|--|-------------------------------|
| VIRGINIA RICHMOND CARTER PRINTING COMPANY, INC. 1N01 CO15706-00 1N01 CO15721-00 1N01 CO15726-00 | LINDENZWEIG, C R LINDENZWEIG, C R LINDENZWEIG, C R | DECADE OF THE BRAIN 1990-2000 DECADE OF THE BRAIN 1990-2000 CANCER PREVENTION FELLOWSHIP PROGRAM | 23,340 23,675 3,200 |
| INSTITUTION TOTAL CITY TOTAL | 4 | 78,744 | 78,744 |
| VIENNA AMERIPRINT, INC. 1N01 CO15724-00 1N01 CO15711-00 | MOREY, DAVID B MOREY, DAVID B | NIH GLASS UNIT AND NIH CALENDAR OF EVENTS INTEGRATED ONCOLOGY WORKSTATION | 6,946 5,976 |
| INSTITUTION TOTAL | 2 | 12,922 | |
| HAZLETON WASHINGTON, INC. 1N01 HD13106-00 1N01 HD13115-00 | BEAUDRY, NORMAN N BEAUDRY, NORMAN N | PREPARATION OF GONADAL CELLS AND CELL FRACTIONS PERFORMANCE OF RADIOIMMUNOASSAYS & RADIOIODINATIONS | 291,847 1,409,980 |
| INSTITUTION TOTAL | 2 | 1,701,827 | |
| MARION DATA SERVICES, INC. 1N01 LM13517-00 | TAYLOR, MARY | KEYBOARDING OF MEDLARS USER INFORMATION | 1 |
| INSTITUTION TOTAL CITY TOTAL | 1 5 | 1,714,750 | |
| STATE TOTAL | 11 | 2,136,217 | |
| WASHINGTON RICHLAND BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION 1N01 ES15313-00 1N01 ES15315-00 1N01 ES15318-00 | CHOU, BILLY CHOU, BILLY CHOU, BILLY | SUBCHRONIC AND CHRONIC TOXICITY STUDY OF ISOBUTENE CHRONIC INHALATION TOXICITY STUDY OF FURFURYL ALCOHOL INHALATION STUDIES OF 2-BUTOXYETHANOL | 246,358 211,249 334,485 |
| INSTITUTION TOTAL CITY TOTAL | 3 3 | 792,092 | 792,092 |
| SEATTLE NEW DESIGNS CORPORATION 1N01 HD13111-00 | DELSON, DAVID A | DEVELOPMENT AND TESTING OF A NEW MALE CONDOM | 308,294 |

**NIH
RESEARCH CONTRACTS**

**DOLLARS
AWARDED**

SCOPE OF WORK

CONTRACT NUMBER

INSTITUTION TOTAL 1

308,294

| | | | |
|--|---|---|-------------------------------|
| WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON 1N01 LM13506-00 1N01 AI15120-00 1N01 AI15118-00 | FULLER, SHERRILYNNE TSAI, CHE-CHEUNG UNADKAT, J D | NATIONAL NETWORK OF LIBRARIES OF MEDICINE EVALUATION OF AIDS THERAPIES IN ANIMAL RETROVIRAL MODELS PHARMACOKINETICS OF AIDS THERAPIES IN NON-HUMAN PRIMATES | 634,648 457,814 389,697 |
| INSTITUTION TOTAL | 3 | 1,482,159 | |
| CITY TOTAL | 4 | 1,790,453 | |
| STATE TOTAL | 7 | 2,582,545 | |
| | | | |
| WISCONSIN MADISON STRAUS PRINTING COMPANY 1N01 C015696-00 1N01 C015728-00 | STRAUS, RICHARD R STRAUS, THOMAS F | NUTRITION POSTERS, RECIPE CARDS AND LETTERS RECIPE CARDS | 45,116 2,878 |
| INSTITUTION TOTAL | 2 | 47,994 | |
| CITY TOTAL | 2 | 47,994 | |
| | | | |
| MILWAUKEE ALDRICH CHEMICAL COMPANY 1N01 CM17509-00 | INDRA, PRAKASH | SYNTHESIS OF BULK CHEMICALS AND DRUGS | 428,015 |
| INSTITUTION TOTAL | 1 | 428,015 | |
| CITY TOTAL | 1 | 428,015 | |
| STATE TOTAL | 3 | 476,009 | |
| TOTAL | 126 | 40,746,131 | |

**NIH
RESEARCH TRAINING GRANTS**

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM | DOLLARS AWARDED |
|--|---|---|-------------------|
| CALIFORNIA LOS ANGELES MOUNT ST. MARY'S COLLEGE 1T34 GM08415-01 | BOWER, ANNETTE | MARC PROGRAM AT MOUNT ST MARY'S COLLEGE | 145,150 |
| INSTITUTION TOTAL | 1 | | 145,150 |
| CITY TOTAL | 1 | | 145,150 |
| SAN DIEGO SCRIPPS CLINIC AND RESEARCH FOUNDATION 1T32 HL07695-01 | GINNSBERG, MARK H | VASCULAR BIOLOGY, THROMBOSIS, AND HEMOSTASIS | 112,212 |
| INSTITUTION TOTAL | 1 | | 112,212 |
| UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1T32 AR07567-01 1T32 DC00032-01 | CARSON, DENNIS A DAVIDSON, TERENCE M | TRAINING IN CLINICAL IMMUNOLOGY CHEMOSENSORY DISORDERS | 142,316 71,820 |
| INSTITUTION TOTAL | 2 | | 214,136 |
| CITY TOTAL | 3 | | 326,348 |
| STANFORD UNIVERSITY 1T32 GM08404-01 1T32 GM08412-01 | FRANCKE, UTA ROBERTSON, CHANNING R | POSTDOCTORAL TRAINING IN MEDICAL GENETICS GRADUATE TRAINING IN BIOTECHNOLOGY | 66,736 94,344 |
| INSTITUTION TOTAL | 2 | | 161,080 |
| CITY TOTAL | 2 | | 161,080 |
| STATE TOTAL | 6 | | 632,578 |
| COLORADO DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1T32 GM08315-01A1 | HARKEN, ALDEN H | HEALTH SCIENCES CENTER MECHANISMS OF POST-INJURY ORGAN FAILURE | 78,036 |
| INSTITUTION TOTAL | 1 | | 78,036 |
| CITY TOTAL | 1 | | 78,036 |
| STATE TOTAL | 1 | | 78,036 |

**NIH
RESEARCH TRAINING GRANTS**

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM | DOLLARS AWARDED |
|--|-----------------------------------|--|--------------------|
| CONNECTICUT NEW HAVEN YALE UNIVERSITY 1T15 AI07368-01 | SHOPE, ROBERT E | TRAINING EGYPTIANS FOR BELBEIS CHILDHOOD ARBOVIRUS STUDY | 46,143 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 46,143 46,143 |
| STATE TOTAL | 1 | | 46,143 |
| DIST OF COL WASHINGTON AMERICAN ASSOCIATION FOR DENTAL RESEARCH 1T14 DE07222-01 | CLARKSON, JOHN J | TRAVEL FOR DENTAL STUDENTS/NIDR TRAINEES & FELLOWS | 75,986 |
| INSTITUTION TOTAL | 1 | | 75,986 |
| AMERICAN NATIONAL RED CROSS 1T32 HL07698-01 | HOYER, LEON W | TRANSFUSION MEDICINE RESEARCH TRAINING PROGRAM | 203,716 |
| INSTITUTION TOTAL | 1 | | 203,716 |
| HOWARD UNIVERSITY 1T32 HL07701-01 | ADAMS-CAMPBELL, LUCILE L | CARDIOVASCULAR RESEARCH DEVELOPMENT PROGRAM | 134,746 |
| INSTITUTION TOTAL CITY TOTAL | 1 3 | | 134,746 414,448 |
| STATE TOTAL | 3 | | 414,448 |
| INDIANA WEST LAFAYETTE PURDUE UNIVERSITY 1T32 DC00030-01A1 | WEST LAFAYETTE STARK, RACHEL E | COMMUNICATIVE DISORDERS | 84,210 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 84,210 84,210 |
| STATE TOTAL | 1 | | 84,210 |
| MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1T32 EY07127-01 | MEINERT, CURTIS L | CLINICAL TRIALS TRAINING PROGRAM IN VISION RESEARCH | 198,509 |

**NIH
RESEARCH TRAINING GRANTS**

**DOLLARS
AWARDED**

TITLE OF PROGRAM

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM | DOLLARS AWARDED |
|---|-------------------------|--|------------------------|
| INSTITUTION TOTAL | 1 | 198,509 | |
| MARYLAND BALTIMORE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1T32 GM08414-01 GANN, DONALD S | | BALTIMORE PROFESSIONAL SCHOOL RESPONSE TO INJURY | 79,946 |
| INSTITUTION TOTAL | 1 | | 79,946 |
| CITY TOTAL | 2 | | 278,455 |
| PRINCESS ANNE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND EASTERN SHORE 1T34 GM08411-01 ADAMS, JAMES A | | UNIVERSITY OF MARYLAND EASTERN SHORE MARC PROGRAM | 105,108 |
| INSTITUTION TOTAL | 1 | | 105,108 |
| CITY TOTAL | 1 | | 105,108 |
| STATE TOTAL | 3 | | 383,563 |
| MASSACHUSETTS BOSTON BOSTON UNIVERSITY 1T32 HD07387-01A1 | CALLARD, IAN P | ENDOCRINE MECHANISMS IN VERTEBRATE REPRODUCTION | 51,216 |
| INSTITUTION TOTAL | 1 | | 51,216 |
| NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. 1T32 AR07570-01 STEERE, ALLEN C | | RESEARCH TRAINING IN RHEUMATOLOGY AT NEW ENGLAND MEDICAL | 75,904 |
| INSTITUTION TOTAL | 1 | | 75,904 |
| CITY TOTAL | 2 | | 127,120 |
| STATE TOTAL | 2 | | 127,120 |
| MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1T32 CA09672-01 CHANG, ALFRED E | | SURGICAL ONCOLOGY TRAINING IN TUMOR IMMUNOLOGY | 74,448 |
| INSTITUTION TOTAL | 1 | | 74,448 |
| CITY TOTAL | 1 | | 74,448 |
| STATE TOTAL | 1 | | 74,448 |

**NIH
RESEARCH TRAINING GRANTS**

DOLLARS
AWARDED

28 , 246

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM |
|--|------------------|--|
| MISSOURI COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA 1T32 GM08396-01 | RIDDLE, DONALD L | MOLECULAR BASIS OF GENE EXPRESSION AND SIGNAL PROCESSING |
| INSTITUTION TOTAL | 1 | 28,246 |
| CITY TOTAL | 1 | 28,246 |

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM | DOLLARS AWARDED |
|--|---------------------|--|-----------------|
| SAIN T LOUIS WASHINGTON UNIVERSITY 1T32 HD07409-01 | PERLMUTTER, DAVID H | PEDIATRIC GASTROENTEROLOGY RESEARCH TRAINING | 37 , 472 |
| INSTITUTION TOTAL | 1 | 37,472 | 37 , 472 |
| CITY TOTAL | 1 | 37,472 | 37 , 472 |
| STATE TOTAL | 2 | 65,718 | 65,718 |
| NEW HAMPSHIRE HANOVER DARTMOUTH COLLEGE 1T32 CA09658-01 | BRESNICK, EDWARD | CANCER BIOLOGY AND CARCINOGENESIS | 143 , 560 |
| INSTITUTION TOTAL | 1 | 143,560 | 143 , 560 |
| CITY TOTAL | 1 | 143,560 | 143 , 560 |
| STATE TOTAL | 1 | 143,560 | 143 , 560 |
| NEW JERSEY PISCATAWAY UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL 1T32 GM08360-01 | INOUE, MASAYORI | GRADUATE TRAINING IN CELLULAR AND MOLECULAR BIOLOGY | 35 , 050 |
| INSTITUTION TOTAL | 1 | 35,050 | 35 , 050 |
| CITY TOTAL | 1 | 35,050 | 35 , 050 |
| STATE TOTAL | 1 | 35,050 | 35 , 050 |
| NEW YORK COLD SPRING HARBOR COLD SPRING HARBOR LABORATORY 1T15 HG00013-01 | MARR, THOMAS G | ESSENTIAL COMPUTATIONAL GENOMICS FOR MOLECULAR BIOLOGIST | 50 , 174 |
| INSTITUTION TOTAL | 1 | 50,174 | 50 , 174 |

**NIH
RESEARCH TRAINING GRANTS**

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM | DOLLARS AWARDED |
|---|------------------|---|-----------------|
| CITY TOTAL | | | 50,174 |
| NEW YORK NEW YORK UNIVERSITY 1T32 CA09664-01 | GARTE, SEYMOUR J | TRAINING GRANT IN ENVIRONMENTAL AND PREVENTIVE ONCOLOGY | 114,264 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 114,264 |
| STATE TOTAL | 2 | | 164,438 |
| OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1T32 AR07569-01 | BICKERS, DAVID R | TRAINING IN INVESTIGATIVE AND MOLECULAR DERMATOLOGY | 68,570 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 68,570 |
| STATE TOTAL | 1 | | 68,570 |
| TEXAS COLLEGE STATION TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION 1T35 HL07693-01 | SMITH, ELVIN E | RESEARCH TRAINING AWARDS IN MEDICAL EDUCATION | 16,065 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 16,065 |
| STATE TOTAL | 1 | | 16,065 |
| UTAH SALT LAKE CITY UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1T32 GM08393-01A1 | OLMAN, TIMOTHY | PHYSICAL PROPERTIES OF PROTEINS AND POLYNUCLEOTIDES | 160,443 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 160,443 |
| STATE TOTAL | 1 | | 160,443 |

**NIH
RESEARCH TRAINING GRANTS**

| GRANT NUMBER | PROGRAM DIRECTOR | TITLE OF PROGRAM | DOLLARS AWARDED |
|------------------------------------|-------------------------|--|------------------------|
| WASHINGTON | | | |
| SEATTLE | | | |
| UNIVERSITY OF WASHINGTON | | | |
| 1T32 CA09661-01 | GRIZZLE, JAMES E | CANCER PREVENTION TRAINING PROGRAM | 104,580 |
| 1T32 HD07391-01 | MELTZOFF, ANDREW N | PERCEPTUAL DEVELOPMENT- PREDOCTORAL TRAINING GRANT | 188,950 |
| INSTITUTION TOTAL | 2 | 293,530 | |
| CITY TOTAL | 2 | 293,530 | |
| STATE TOTAL | 2 | 293,530 | |
| PUERTO RICO | | | |
| MAYAGUEZ | | | |
| UNIVERSITY OF PUERTO RICO MAYAGUEZ | | MARC HONORS PROGRAM | |
| 1T34 GM08419-01 | CHAPARRO, MILDRED | | |
| INSTITUTION TOTAL | 1 | 111,123 | |
| CITY TOTAL | 1 | 111,123 | |
| STATE TOTAL | 1 | 111,123 | |
| TOTAL | 30 | 2,899,043 | |

**NIH
CONSTRUCTION GRANTS**

| GRANT NUMBER | RESPONSIBLE OFFICIAL | PURPOSE OF GRANT | DOLLARS AWARDED |
|---|----------------------|---|-----------------|
| COLORADO FORT COLLINS COLORADO STATE UNIVERSITY 1G20 RR06763-01 | MAUL, DONALD H | EQUIPMENT REQUEST | 80,110 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 80,110 |
| STATE TOTAL | 1 | | 80,110 |
| CONNECTICUT NEW HAVEN JOHN B. PIERCE FOUNDATION LABORATORY, INC. 1G20 RR06780-01 | NADEL, ETHAN R | CONSOLIDATION OF PIERCE LABORATORY ANIMAL QUARTERS | 132,526 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 132,526 |
| STATE TOTAL | 1 | | 132,526 |
| IOWA IOWA CITY UNIVERSITY OF IOWA 1G20 RR06769-01 | COOPER, PAUL S | DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES | 587,408 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 587,408 |
| STATE TOTAL | 1 | | 587,408 |
| MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1C06 CA53589-01 | WICHA, MAX S | CANCER CENTER FACILITY CONSTRUCTION | 3,237,980 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 3,237,980 |
| STATE TOTAL | 1 | | 3,237,980 |
| MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1G20 RR06777-01 | HESSLER, JACK R | DEVELOPING & IMPROVING INSTITUTIONAL ANIMAL RESOURCES | 577,047 |

NIH CONSTRUCTION GRANTS

**DOLLARS
AWARDED**

| GRANT NUMBER | RESPONSIBLE OFFICIAL | PURPOSE OF GRANT |
|-------------------|----------------------|------------------|
| INSTITUTION TOTAL | 1 | 577,047 |
| CITY TOTAL | 1 | 577,047 |
| STATE TOTAL | 1 | 577,047 |

NEW YORK NEW YORK NEW YORK NEW YORK

| | |
|-------------------|---|
| INSTITUTION TOTAL | 1 |
| CITY TOTAL | 1 |

565,375
565,375

DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES
115,077
OHIO
CINCINNATI
UNIVERSITY OF CINCINNATI AT CINCINNATI
1G20 RR06789-01 BAUMAN, DAVID H

| | | |
|-------------------|---|---------|
| INSTITUTION TOTAL | 1 | 115,077 |
| CITY TOTAL | 1 | 115,077 |
| STATE TOTAL | 1 | 115,077 |

300,000

DIRECTORS FUND FOR THE UNIVERSITY OF OREGON

EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY

ANIMAL RESOURCE IMPROVEMENT GRANT

1620 RR06762-01 HALL, ARTHUR S

| INSTITUTION | TOTAL | 1 |
|-------------|-------|---------|
| CITY TOTAL | | 1 |
| | | 300,000 |
| | | 300,000 |

| NIH MEDICAL LIBRARY GRANT'S | | DOLLARS AWARDED |
|---|------------------------|--|
| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL |
| INDIANA FORT WAYNE LUTHERAN HOSPITAL OF INDIANA, INC.--LUTHERAN COLLEGE OF HEALTH PROFESSIONS 1G07 LM05245-01 AVEN, LAURALEE | | NEIHSL--STRENGTHENING THE NETWORK WITH BASIC TECHNOLOGY 100,959 |
| INSTITUTION TOTAL CITY TOTAL STATE TOTAL | 1 1 1 | 100,959 100,959 100,959 |
| MASSACHUSETTS BOSTON MASSACHUSETTS EYE AND EAR INFIRMARY 1G07 LM05256-01A1 NIMS, JUDITH C | | INFRASTRUCTURE FOR A SHARED INTEGRATED LIBRARY SYSTEM 11,965 |
| INSTITUTION TOTAL CITY TOTAL STATE TOTAL | 1 1 1 | 11,965 11,965 11,965 |
| NEW JERSEY BELLEVILLE CLARA MAASS MEMORIAL HOSPITAL 1G07 LM05341-01 MANGINO, ARLENE D | | LIBRARY BUSINESS INFORMATION SERVICE 10,494 |
| INSTITUTION TOTAL CITY TOTAL STATE TOTAL | 1 1 1 | 10,494 10,494 10,494 |
| NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1G08 LM05286-01 LOVE, ERIKA | | INTERACTIVE MEDICAL INFORMATION SYSTEM IN NEW MEXICO 179,780 |
| INSTITUTION TOTAL CITY TOTAL STATE TOTAL | 1 1 1 | 179,780 179,780 179,780 |
| NORTH CAROLINA FAYETTEVILLE FAYETTEVILLE AREA HEALTH EDUCATION CENTER 1G07 LM05201-01A1 WRIGHT, BARBARA A | | INFORMATION ACCESS GRANT 90,194 |

NIH
MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | |
|-------------------|------------------------|--------|
| INSTITUTION TOTAL | 1 | 90,194 |
| CITY TOTAL | 1 | 90,194 |
| STATE TOTAL | 1 | 90,194 |

| PENNSYLVANIA DU BOIS DUBOIS REGIONAL MEDICAL CENTER 1G07 LM05295-01 | J. C. BLAIR MEMORIAL HOSPITAL SCOTT, KATHLEEN J | 8,007 |
|--|--|-------|
| INSTITUTION TOTAL | 1 | 8,007 |
| CITY TOTAL | 1 | 8,007 |

| HUNTINGDON J. C. BLAIR MEMORIAL HOSPITAL 1G07 LM05312-01 | ZALUDEK, SUSAN K | 8,075 |
|--|------------------|-------|
| INSTITUTION TOTAL | 1 | 8,075 |
| CITY TOTAL | 1 | 8,075 |

| NORRISTOWN SACRED HEART HOSPITAL 1G07 LM05338-01 | SNODGRASS-PILLA, LYNN | 11,315 |
|--|-----------------------|----------------|
| INSTITUTION TOTAL | 1 | 11,315 |
| CITY TOTAL | 1 | 11,315 |
| STATE TOTAL | 3 | 27,397 |
| TOTAL | 8 | 420,789 |

11,315

HOSPITAL LIBRARY AUTOMATION

NIH
COOPERATIVE AGREEMENTS

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------|---|------------------------|
| ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1U01 AI31888-01 LUO, MING | | | 186,771 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 186,771 186,771 |
| STATE TOTAL | 1 | | 186,771 |
| CALIFORNIA SAN DIEGO SCRIPPS CLINIC AND RESEARCH FOUNDATION 1U01 AI31883-01 NEMEROW, GLEN R | | INHIBITION OF EPSTEIN-BARR VIRUS RECEPTOR INTERACTION | 230,799 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 230,799 230,799 |
| SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1U01 AI31499-01 SCHACHTER, JULIUS | | SAN FRANCISCO STD COOPERATIVE RESEARCH CENTER | 1,271,219 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 1,271,219 1,271,219 |
| STATE TOTAL | 2 | | 1,502,018 |
| FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1U01 AI31934-01 DUNN, BEN M | | PICORNAVIRAL PROCESSING PROTEINASES | 231,461 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | | 231,461 231,461 |
| STATE TOTAL | 1 | | 231,461 |
| INDIANA INDIANAPOLIS INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS 1U01 AI31494-01 JONES, ROBERT B | | MIDWEST SEXUALLY TRANSMITTED DISEASES RESEARCH CENTER | 1,031,339 |
| INSTITUTION TOTAL | 1 | | 1,031,339 |

**NIH
COOPERATIVE AGREEMENTS**

DOLLARS
AWARDED

GRANT NUMBER

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

CITY TOTAL 1 1,031,339

STATE TOTAL 1 1,031,339

MARYLAND BALTIMORE

JOHNS HOPKINS UNIVERSITY
1U01 HL45692-01A1 CHARACHE, SAMUEL

INSTITUTION TOTAL 1 1,598,057

MARYLAND MEDICAL RESEARCH INSTITUTE
1U01 HL45696-01A1 TERRIN, MICHAEL L

MULTICENTER STUDY OF HYDROXYUREA IN SICKLE CELL ANEMIA

401,360

INSTITUTION TOTAL 1 401,360

CITY TOTAL 2 1,999,417

STATE TOTAL 2 1,999,417

MASSACHUSETTS

BOSTON CENTER FOR BLOOD RESEARCH
1U01 AI31921-01 SPRINGER, TIMOTHY A

INSTITUTION TOTAL 1 268,249

HARVARD UNIVERSITY HOGLE, JAMES M

INSTITUTION TOTAL 1 276,140

NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.
1U10 CA53549-01 SCHWENN, MOLLY R

BOSTON FLOATING HOSPITAL/PEDIATRIC ONCOLOGY GROUP

13,666

INSTITUTION TOTAL 1 558,055

CITY TOTAL 3 558,055

STATE TOTAL 3 558,055

NEW YORK NEW YORK

CORNELL UNIVERSITY MEDICAL CENTER
1U01 AI31876-01 ROBERTSON, HUGH D

INSTITUTION TOTAL 1 174,597

174,597

RNA-LEVEL THERAPEUTICS FOR HEPATITIS B AND DELTA VIRUSES

**NIH
COOPERATIVE AGREEMENTS**

| GRANT NUMBER | PRINCIPAL INVESTIGATOR | TITLE OF RESEARCH PROPOSAL | DOLLARS AWARDED |
|---|------------------------------------|---|-----------------------|
| CITY TOTAL | 1 | 174,597 | |
| STATE TOTAL | 1 | 174,597 | |
| NORTH CAROLINA | | | |
| CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL | | | |
| 1U10 CA47559-01A1 1U01 AI31496-01 | OZER, HOWARD SPARLING, PHILIP F | CANCER AND LEUKEMIA GROUP B NORTH CAROLINA STD COOPERATIVE RESEARCH CENTER | 1,74,641 1,165,434 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 1,240,075 | |
| STATE TOTAL | 2 | 1,240,075 | |
| PENNSYLVANIA | | | |
| PHILADELPHIA FOX CHASE CANCER CENTER--INSTITUTE FOR CANCER RESEARCH | TAYLOR, JOHN M | DELTA VIRUS AS A VECTOR FOR THE DELIVERY OF BIOLOGICALLY | 181,675 |
| 1U01 AI31927-01 | | | |
| INSTITUTION TOTAL CITY TOTAL | 1 | 181,675 | |
| STATE TOTAL | 1 | 181,675 | |
| WASHINGTON | | | |
| SEATTLE UNIVERSITY OF WASHINGTON | HOLMES, KING K | UNIVERSITY OF WASHINGTON STD COOPERATIVE RESEARCH CENTER | 1,199,900 |
| 1U01 AI31498-01 | | | |
| INSTITUTION TOTAL CITY TOTAL | 1 | 1,199,900 | |
| STATE TOTAL | 1 | 1,199,900 | |
| TOTAL | 15 | 8,305,308 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

**DOLLARS
AWARDED**

APPLICATION NUMBER

FELLOW

FIELD OF INTEREST

| | | | |
|---|--------------------|------------|--------|
| ALABAMA MOBILE UNIVERSITY OF SOUTH ALABAMA 1F32 HL08499-01 | BARNARD, MICHELE L | PHYSIOLOGY | 28,600 |
| INSTITUTION TOTAL | 1 | 28,600 | |
| CITY TOTAL | 1 | 28,600 | |
| STATE TOTAL | 1 | 28,600 | |

| | | | |
|---|------------------|--------------|--------|
| ARIZONA TUCSON UNIVERSITY OF ARIZONA 1F32 NS09052-01 | KNIERIM, JAMES J | NEUROBIOLOGY | 21,600 |
| INSTITUTION TOTAL | 1 | 21,600 | |
| CITY TOTAL | 1 | 21,600 | |
| STATE TOTAL | 1 | 21,600 | |

| | | | |
|---|--|--|--------|
| CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY 1F32 EY06356-01 1F32 GM14695-01 1F32 GM14574-01 | QUINN, RICHARD H ZACHOW, KAREN R ZECHIEDRICH, E LYNN | PHYSIOLOGY MOLECULAR BIOLOGY MOLECULAR BIOLOGY | 28,600 |
| INSTITUTION TOTAL | 3 | 71,800 | |
| CITY TOTAL | 3 | 71,800 | |

| | | | |
|--|---|---|--------|
| LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1F32 EY06379-01 1F32 CA09148-01 1F31 NR06698-01 1F31 CA09197-01 | BOWES, CATHY DEAN, DAVID A GAWLINSKI, ANNA F LILLINGTON, LINDA M | MOLECULAR BIOLOGY VIROLOGY NURSING NURSING | 21,600 |
| INSTITUTION TOTAL | 4 | 69,900 | |
| CITY TOTAL | 4 | 69,900 | |

| | | | |
|---|-------------------------|------------|--------|
| PALO ALTO DNAX RESEARCH INSTITUTE OF MOLECULAR AND CELLULAR BIOLOGY 1F05 TW04574-01 | BEJARANO-MARIN, MARIA T | IMMUNOLOGY | 29,500 |
|---|-------------------------|------------|--------|

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|----------------------|-------------------------|-----------------|
| CALIFORNIA PALO ALTO DNAX RESEARCH INSTITUTE OF MOLECULAR AND CELLULAR BIOLOGY 1F05 TW04578-01 | WAHLGREN, CARL M | PARASITOLOGY | 29,500 |
| INSTITUTION TOTAL | 2 | 59,000 | |
| CITY TOTAL | 2 | 59,000 | |
| SAN DIEGO LA JOLLA INSTITUTE FOR EXPERIMENTAL MEDICINE 1F05 TW04497-01 | PIN, JEAN P | NEUROBIOLOGY | 27,800 |
| INSTITUTION TOTAL | 1 | 27,800 | |
| SALK INSTITUTE FOR BIOLOGICAL STUDIES 1F32 GM14562-01 | BRINDLE, PAUL K | MOLECULAR BIOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | |
| SCRIPPS CLINIC AND RESEARCH FOUNDATION 1F05 TW04546-01 | SCHUTZE, MARIE-PAULE | MOLECULAR BIOLOGY | 27,200 |
| INSTITUTION TOTAL | 1 | 27,200 | |
| UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1F05 TW04551-01 | BACH, FLEMMING W | NEUROBIOLOGY | 29,700 |
| 1F05 TW04559-01 | BILLIG, ROLF H | ENDOCRINOLOGY | 30,000 |
| 1F32 EY06375-01 | DOLPH, PATRICK J | NEUROBIOLOGY | 22,700 |
| 1F05 TW04531-01 | DUNKEL, LEO | REPRODUCTIVE PHYSIOLOGY | 29,400 |
| 1F32 DK08682-01 | HSU, CHI-TANG D | ENDOCRINOLOGY | 22,700 |
| 1F32 GM14667-01 | POWERS, MAUREEN A | MOLECULAR BIOLOGY | 21,600 |
| INSTITUTION TOTAL | 6 | 156,100 | |
| CITY TOTAL | 9 | 233,800 | |
| SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1F37 LM00010-01 | COHEN, BRUCE I | INFORMATION SCIENCES | 24,600 |
| 1F06 TW01682-01 | DEWEY, WILLIAM C | RADIOBIOLOGY | 33,704 |
| 1F05 TW04604-01 | FARDELLA, CARLOS E | MOLECULAR BIOLOGY | 29,155 |
| 1F32 CA09130-01 | GEFFEN, JEREMY R | BIOLOGY | 32,500 |
| 1F05 TW04506-01 | HAJDU, KRISZTINA | GENETICS | 29,350 |
| 1F32 NS09098-01 | KALMAN, DANIEL | NEUROBIOLOGY | 29,900 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|--|---|----------------------------|
| CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1F32 GM13818-01A1 1F32 EY06339-01 1F31 CA09199-01 | PERONA, JOHN J SCHNEEWEIS, DAVID M SCHUMACHER, KAREN L | PHYSIOLOGY NURSING | 22,700 21,600 12,800 |
| INSTITUTION TOTAL CITY TOTAL | 9 | 236,309 236,309 | |
| STANFORD STANFORD UNIVERSITY 1F32 HL08501-01 1F32 GM14453-01 1F32 AR08196-01 | ANDERSON, MARK E NUCKOLLS, GLEN H ROHRER, DANIEL K | PHYSIOLOGY CELL BIOLOGY DEVELOPMENTAL BIOLOGY | 29,900 21,600 21,600 |
| INSTITUTION TOTAL CITY TOTAL | 3 | 73,100 73,100 | |
| TORRANCE LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER 1F32 CA09016-01 | BYERLEY, LAURI O | NUTRITION | 29,900 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 29,900 29,900 | |
| STATE TOTAL | 31 | 773,809 | |
| COLORADO BOULDER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER 1F32 GM14568-01 1F32 HD07503-01 | BEUTEL, BRUCE A PERRY, MARC D | MOLECULAR BIOLOGY DEVELOPMENTAL BIOLOGY | 22,700 29,900 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 52,600 52,600 | |
| DENVER NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE 1F32 CA09101-01 | HARWOOD, ANNE E | IMMUNOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|--------|--|------------------|
| COLORADO DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1F32 DK08611-01 LANESE, DIANE M 1F32 DK08604-01 SENKFOR, STUART I PHYSIOLOGY PHYSIOLOGY | | | 33,800 32,500 |
| INSTITUTION TOTAL CITY TOTAL | 2 3 | 66,300 89,000 | |
| FORT COLLINS COLORADO STATE UNIVERSITY 1F32 HL08500-01 BELKNAP, JAMES K | | PHYSIOLOGY | 33,800 |
| INSTITUTION TOTAL | 1 | 33,800 | |
| U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--CENTERS FOR DISEASE CONTROL 1F05 TW04597-01 ZHANG, MING JIE | | VIROLOGY | 25,232 |
| INSTITUTION TOTAL CITY TOTAL | 1 2 | 25,232 59,032 | |
| STATE TOTAL | 7 | 200,632 | |
| CONNECTICUT NEW HAVEN YALE UNIVERSITY 1F32 DK08543-01 ANDREWS, ELLEN M 1F32 DK08681-01 DAIFOTIS, ANASTASIA G 1F32 GM14633-01 GOODRICH, LEO D 1F32 HL08546-01 SCHIMMELT, LISA A 1F32 DC00072-01 TROMBLEY, PAUL Q 1F32 DK08561-01A1 WAISBREN, STEVEN J 1F32 HL08245-01A1 WIDMANN, MARK D MOLECULAR BIOLOGY ENDOCRINOLOGY BIOCHEMISTRY BIOCHEMISTRY NEUROBIOLOGY PHYSIOLOGY CELL BIOLOGY | | 28,600 32,500 28,600 32,500 22,700 32,500 31,200 | |
| INSTITUTION TOTAL CITY TOTAL | 7 7 | 208,600 208,600 | |
| STATE TOTAL | 7 | 208,600 | |
| DIST OF COL WASHINGTON CARNEGIE INSTITUTION OF WASHINGTON, D. C. 1F32 GM14269-01A1 SCHAEFER, MICHAEL R | | MOLECULAR BIOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | PAGE 133 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|---|---|----------------------------|
| CITY TOTAL 1F05 TW04558-01 | 1 WESTER, PER G | 22,700 | 28,650 |
| STATE TOTAL | 1 | 22,700 | |
| FLORIDA MIAMI UNIVERSITY OF MIAMI 1F05 TW04558-01 | | NEUROBIOLOGY | |
| INSTITUTION TOTAL CITY TOTAL 1F31 NR06702-01 1F32 HL08439-01 | 1 CORALLI, CONNIE H LUBIN, IRA M | 28,650 28,650 | 22,700 12,800 32,500 |
| STATE TOTAL | 1 | 28,650 | |
| GEORGIA ATLANTA EMORY UNIVERSITY 1F32 AI08490-01 1F31 NR06702-01 1F32 HL08439-01 | BEALL, BERNARD W CORALLI, CONNIE H LUBIN, IRA M | BACTERIOLOGY EPIDEMIOLOGY PHARMACOLOGY | |
| INSTITUTION TOTAL | 3 | 68,000 | |
| U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--CENTERS FOR DISEASE CONTROL 1F05 TW04599-01 | KUVANGKADILOK, CHALION | SERVICES--CENTERS FOR DISEASE CONTROL GENETICS | 26,356 |
| INSTITUTION TOTAL CITY TOTAL 1F05 TW04599-01 | 1 RITTIG, SOREN | 26,356 94,356 | |
| STATE TOTAL | 4 | 94,356 | |
| ILLINOIS CHICAGO NORTHWESTERN UNIVERSITY 1F32 GM14204-01A1 1F05 TW04540-01 | BACHMAN, NANCY J RITTIG, SOREN | MOLECULAR BIOLOGY ENDOCRINOLOGY | 33,800 28,200 |
| INSTITUTION TOTAL | 2 | 62,000 | |
| UNIVERSITY OF CHICAGO 1F06 TW01628-01A1 1F32 NS09091-01 | ALBERT, DANIEL A SCROGGS, REESE S | MOLECULAR BIOLOGY PHARMACOLOGY | 3,317 28,600 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|---------------------|------------------------------------|-----------------|
| ILLINOIS | | | |
| CHICAGO | | | |
| UNIVERSITY OF CHICAGO | | | |
| 1F32 DC00075-01 | SUTTER, MITCHELL L | NEUROBIOLOGY | 21,600 |
| 1F05 TW04501-01 | TOTH, PETER T | PHYSIOLOGY | 27,695 |
| 1F32 GM14239-01 | WHITLOCK, MICHAEL C | GENETICS | 22,700 |
| INSTITUTION TOTAL | 5 | | 103,912 |
| UNIVERSITY OF ILLINOIS AT CHICAGO | | | |
| 1F05 TW04611-01 | ABO KIO, ANTHONY | MEDICINAL/PHARMACEUTICAL CHEMISTRY | 29,400 |
| 1F32 EY06368-01 | MORRISON, DANIEL F | BIOCHEMISTRY | 28,600 |
| 1F32 EY06378-01 | SCHEPERS, THERESA M | BIOCHEMISTRY | 21,600 |
| INSTITUTION TOTAL | 3 | | 79,600 |
| CITY TOTAL | 10 | | 245,512 |
| STATE TOTAL | 10 | | 245,512 |
| INDIANA | | | |
| INDIANAPOLIS | | | |
| INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS | | | |
| 1F31 CA09198-01 | MILLER, ANNA M | NURSING | 12,800 |
| INSTITUTION TOTAL | 1 | | 12,800 |
| CITY TOTAL | 1 | | 12,800 |
| STATE TOTAL | 1 | | 12,800 |
| IOWA | | | |
| IOWA CITY | | | |
| UNIVERSITY OF IOWA | | | |
| 1F31 NR06612-01A1 | GOOD, COLLEEN J | NURSING | 12,800 |
| 1F31 NR06604-01A1 | PETERS, JENNIFER A | NURSING | 12,800 |
| 1F05 TW04587-01 | PETERSON, JORGEN S | PHYSIOLOGY | 27,600 |
| 1F32 HL08502-01 | SCHOMER, STEPHAN J | PHYSIOLOGY | 31,200 |
| INSTITUTION TOTAL | 4 | | 84,400 |
| CITY TOTAL | 4 | | 84,400 |
| STATE TOTAL | 4 | | 84,400 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|--|--|--|
| KANSAS MANHATTAN KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE 1F06 TW01688-01 | CONRAD, GARY W | DEVELOPMENTAL BIOLOGY | 28,640 |
| INSTITUTION TOTAL | 1 | 28,640 | |
| CITY TOTAL | 1 | 28,640 | |
| STATE TOTAL | 1 | 28,640 | |
| LOUISIANA NEW ORLEANS TULANE UNIVERSITY OF LOUISIANA 1F06 TW01680-01A1 1F06 TW01691-01A1 1F31 GM14491-01 | DOMER, JUDITH E GARRY, ROBERT F TALTAN, STEPHANIE Y | IMMUNOLOGY VIROLOGY PHYSIOLOGY | 45,914 24,129 27,780 |
| INSTITUTION TOTAL | 3 | 97,823 | |
| CITY TOTAL | 3 | 97,823 | |
| STATE TOTAL | 3 | 97,823 | |
| MAINE BAR HARBOR JACKSON LABORATORY 1F32 DK08546-01A1 | SANDS, MARK S | MOLECULAR BIOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | |
| CITY TOTAL | 1 | 22,700 | |
| STATE TOTAL | 1 | 22,700 | |
| MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1F32 DK08672-01 1F32 HL08492-01 1F05 TW04564-01 1F32 HG00037-01 1F32 NS09057-01 1F32 DK08631-01 1F32 GM14395-01 | BRANT, STEVEN R GUCCIONE, JULIUS M KHULLER, MADHU MARKEL, HOWARD PLENEFISCH, JOHN D ROWE, WILLIAM A SCHOENIGER, LUKE O | NUTRITION BIOMEDICAL ENGINEERING BIOCHEMISTRY GENETICS NUTRITION PHYSIOLOGY | 13,790 22,700 28,900 32,500 22,700 13,790 29,900 |
| INSTITUTION TOTAL | 7 | 164,280 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|---------------------|---|------------------|
| MARYLAND BALTIMORE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL 1F05 TW04613-01 FADIRAN, EMMANUEL 0 | | | 29,500 |
| INSTITUTION TOTAL | 1 | | 29,500 |
| CITY TOTAL | 8 | | 193,780 |
| | | | |
| BETHESDA U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FOGARTY INTERNATIONAL CENTER 1F15 TW00345-01 1F15 TW00346-01 NALECZ, MACIEJ | | MOLECULAR BIOLOGY BIOMEDICAL ENGINEERING | 27,000 35,000 |
| INSTITUTION TOTAL | 2 | | 62,000 |
| | | | |
| U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL HEART LUNG AND BLOOD INSTITUTE 1F35 HL08552-01 DIGIOVANNI, SUSAN R | | | |
| INSTITUTION TOTAL | 1 | | 34,300 |
| | | | |
| U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF DIABETES/DIGEST/KIDNEY DIS 1F05 TW04528-01 YU, RINA | | NUTRITION BIOCHEMISTRY | 23,556 |
| INSTITUTION TOTAL | 1 | | 23,556 |
| | | | |
| U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH 1F15 TW00347-01 PIEZ, KARL A | | | |
| INSTITUTION TOTAL | 1 | | 26,000 |
| CITY TOTAL | 5 | | 145,856 |
| | | | |
| COLLEGE PARK UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS 1F32 GM14602-01 WOOLRIDGE, ELISA M | | MOLECULAR BIOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | | 22,700 |
| CITY TOTAL | 1 | | 22,700 |
| STATE TOTAL | 14 | | 362,336 |
| | | | |
| MASSACHUSETTS BOSTON BOSTON UNIVERSITY 1F05 TW04617-01 | STANOJEVIC, GORDANA | SOCIAL/BEHAVIORAL SCIENCES | 28,700 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|----------------------|------------------------------------|-----------------|
| MASSACHUSETTS BOSTON BOSTON UNIVERSITY 1F05 TW04549-01 | WHEELER, DAVID C | CELL BIOLOGY | 29,350 |
| INSTITUTION TOTAL | 2 | 58,050 | |
| CILDREN'S HOSPITAL 1F32 NS09014-01 | HARKINS, DEBRA A | DEVELOPMENTAL AND CHILD PSYCHOLOGY | 21,600 |
| INSTITUTION TOTAL | 1 | 21,600 | |
| HARVARD UNIVERSITY 1F32 AI08469-01 | BLANKE, STEVEN R | BACTERIOLOGY | 28,600 |
| 1F31 NR06697-01 | ERLANDSON, DIANE M | NURSING | 12,800 |
| 1F32 DE05603-01A1 | KARIMBUX, NADEEM Y | ORAL BIOLOGY | 22,700 |
| 1F32 NS09074-01 | LORENZ, LORI J | DEVELOPMENTAL BIOLOGY | 22,700 |
| 1F32 AR08194-01 | TAWA, NICHOLAS E, JR | PHYSIOLOGY | 35,300 |
| 1F32 EY06361-01 | YANG, XIANJIE | DEVELOPMENTAL BIOLOGY | 29,900 |
| INSTITUTION TOTAL | 6 | 152,000 | |
| MASSACHUSETTS GENERAL HOSPITAL 1F32 AI08455-01 | KOZIEL, MARGARET J | INTERNAL MEDICINE | 33,800 |
| 1F32 CA09194-01 | LOUIS, DAVID N | MOLECULAR BIOLOGY | 33,800 |
| 1F05 TW04492-01 | YAMASAKI, EDNA N | NEUROBIOLOGY | 26,400 |
| INSTITUTION TOTAL | 3 | 94,000 | |
| NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. 1F32 HL08525-01 | STONE, JENNIFER P | BIOCHEMISTRY | 32,500 |
| INSTITUTION TOTAL | 1 | 32,500 | |
| TUFTS UNIVERSITY 1F32 NS09099-01 | SILVA, LAUREN R | PHYSIOLOGY | 21,600 |
| INSTITUTION TOTAL | 1 | 21,600 | |
| CITY TOTAL | 14 | 379,750 | |
| INSTITUTION TOTAL | 2 | 43,200 | |
| CAMBRIDGE HARVARD UNIVERSITY 1F32 CA09189-01 | NELSON, SCOTT G | ORGANIC CHEMISTRY | 21,600 |
| 1F32 CA09127-01 | SPARKS, MICHELLE A | BIOCHEMISTRY | 21,600 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|---------------------|-------------------|-----------------|
| MASSACHUSETTS | | | |
| CAMBRIDGE | | | |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | | |
| 1F32 AR08187-01 | DUTTON, EMMA K | MOLECULAR BIOLOGY | 21,600 |
| 1F32 EY06363-01 | NEILSON, SACHA B | NEUROBIOLOGY | 28,600 |
| 1F32 DC00073-01 | PURIA, SUNIL | BIOSCIENCES | 21,600 |
| INSTITUTION TOTAL | 3 | | 71,800 |
| CITY TOTAL | 5 | | 115,000 |
| MEDFORD | | | |
| TUFTS UNIVERSITY | | | |
| 1F05 TW04515-01 | MALI, PEKKA T | MOLECULAR BIOLOGY | 28,476 |
| INSTITUTION TOTAL | 1 | | 28,476 |
| CITY TOTAL | | | |
| NEWTON | | | |
| BOSTON COLLEGE | | | |
| 1F31 NR06674-01 | LADDEN, MARY JOAN D | NURSING | 12,800 |
| INSTITUTION TOTAL | 1 | | 12,800 |
| CITY TOTAL | 1 | | 12,800 |
| WORCESTER | | | |
| UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER | | | |
| 1F05 TW04627-01 | Orellana Lopez, A | MOLECULAR BIOLOGY | 24,000 |
| INSTITUTION TOTAL | 1 | | 24,000 |
| CITY TOTAL | 1 | | 24,000 |
| STATE TOTAL | 22 | | 560,026 |
| MICHIGAN | | | |
| ANN ARBOR | | | |
| UNIVERSITY OF MICHIGAN AT ANN ARBOR | | | |
| 1F32 HL08504-01 | ASKARI, FREDERICK K | MOLECULAR BIOLOGY | 31,200 |
| 1F32 AR08169-01A1 | KRAUSS, JOHN C | MOLECULAR BIOLOGY | 33,800 |
| 1F32 HL08486-01 | NICHOLS, WILLIAM C | GENETICS | 28,600 |
| 1F32 NS08954-01A1 | WALKER, JAMES J | NEUROBIOLOGY | 28,600 |
| INSTITUTION TOTAL | 4 | | 122,200 |
| CITY TOTAL | 4 | | 122,200 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

DOLLARS
AWARDED

FIELD OF INTEREST

APPLICATION NUMBER

STATE TOTAL

4

FELLOW

122,200

| | | | | | |
|-----------|--------------|-------------------------|----------------------------|-------------------|--------|
| MINNESOTA | MINNEAPOLIS | UNIVERSITY OF MINNESOTA | OF MINNEAPOLIS--SAINT PAUL | SOCIAL PSYCHOLOGY | 34,772 |
| 1F33 | HD07513-01 | LARSON, REED W | MILLER, JEFFREY S | IMMUNOLOGY | 33,800 |
| 1F32 | CA09116-01 | RAAB, LINDA S | | CELL BIOLOGY | 28,600 |
| 1F32 | GM13906-01A2 | | | | |

INSTITUTION TOTAL

3

CITY TOTAL

97,172

97,172

| | | | | |
|-----------|-----------------|---------------------|-------------------|--------|
| ROCHESTER | MAYO FOUNDATION | MC MANUS, MICHAEL J | MOLECULAR BIOLOGY | 35,300 |
| 1F32 | CA09107-01A1 | | | |

INSTITUTION TOTAL

1

CITY TOTAL

1

35,300

35,300

STATE TOTAL

4

132,472

| | | | | | |
|----------|--------------|-------------------------|------------------|-------------------|--------|
| MISSOURI | SAINST LOUIS | WASHINGTON UNIVERSITY | CHOI, ERIC T | CELL BIOLOGY | 22,700 |
| 1F32 | HL08497-01 | KAHN, MILTON | STEIN, PHYLLIS K | IMMUNOLOGY | 31,200 |
| 1F32 | EY06374-01 | TRACHTENBERG, JEFFREY D | WALLRATH, LORI L | PHYSIOLOGY | 22,700 |
| 1F32 | HL08538-01 | | | MOLECULAR BIOLOGY | 28,600 |
| 1F32 | HL08509-01 | | | | 21,600 |
| 1F32 | GM14516-01 | | | | |

INSTITUTION TOTAL

5

CITY TOTAL

5

126,800

126,800

STATE TOTAL

5

126,800

| | | | | | |
|--------|------------|-----------------------------------|------------------|------------|--------|
| NEVADA | RENO | SYSTEM--UNIVERSITY OF NEVADA RENO | GELBAND, CRAIG H | PHYSIOLOGY | 22,700 |
| 1F32 | HL08531-01 | LEVESQUE, PAUL C | RICH, ADAM J | PHYSIOLOGY | 22,700 |
| 1F32 | HL08505-01 | | | PHYSIOLOGY | 22,700 |
| 1F32 | DK08677-01 | | | | |

INSTITUTION TOTAL

3

68,100

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|----------------------------|-------------------|-----------------|
| CITY TOTAL | 3 | 68,100 | |
| STATE TOTAL | 3 | 68,100 | |
| | | | |
| NEW HAMPSHIRE | | | |
| DARTMOUTH COLLEGE | | | |
| 1F32 CA09080-01 | COPPOLA, MICHAEL A | IMMUNOLOGY | 22,700 |
| 1F32 CA09120-01 | ERICSON, SOLVEIG G | IMMUNOLOGY | 33,800 |
| 1F32 DK08671-01 | WHITTEMORE, SUSAN L | ENDOCRINOLOGY | 21,600 |
| INSTITUTION TOTAL | 3 | 78,100 | |
| CITY TOTAL | 3 | 78,100 | |
| STATE TOTAL | 3 | 78,100 | |
| | | | |
| NEW JERSEY | | | |
| NEW BRUNSWICK | | | |
| RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK | | | |
| 1F05 TW04616-01 | ARAMBURO-DE-LA-HOZ, CARLOS | PHYSIOLOGY | 28,950 |
| INSTITUTION TOTAL | 1 | 28,950 | |
| CITY TOTAL | 1 | 28,950 | |
| INSTITUTION TOTAL | 2 | 50,200 | |
| CITY TOTAL | 2 | 50,200 | |
| | | | |
| NEWARK | | | |
| UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY | | | |
| 1F32 NS09053-01 | HILBUSH, BRIAN S | GENETICS | 21,600 |
| 1F32 NS09049-01 | SMEYNE, RICHARD J | BIOCHEMISTRY | 28,600 |
| INSTITUTION TOTAL | 2 | 50,200 | |
| CITY TOTAL | 2 | 50,200 | |
| | | | |
| PRINCETON | | | |
| PRINCETON UNIVERSITY | | | |
| 1F32 GM14675-01 | BERBERICH, STEVEN J | MOLECULAR BIOLOGY | 22,700 |
| 1F32 GM14435-01 | MCCLEARY, WILLIAM R | MOLECULAR BIOLOGY | 22,700 |
| 1F32 CA09146-01 | PIZZORNO, MARIE C | VIROLOGY | 21,600 |
| INSTITUTION TOTAL | 3 | 67,000 | |
| CITY TOTAL | 3 | 67,000 | |
| STATE TOTAL | 6 | 146,150 | |

NIH
RESEARCH FELLOWSHIP AWARDS

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|--------------------|----------------------|-----------------|
| NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1F32 HL08456-01A1 | RUSS, ROY D | PHYSIOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | |
| CITY TOTAL | 1 | 22,700 | |
| SANTA FE SANTA FE INSTITUTE 1F37 LM00011-01 | WOLPERT, DAVID H | INFORMATION SCIENCES | 25,700 |
| INSTITUTION TOTAL | 1 | 25,700 | |
| CITY TOTAL | 1 | 25,700 | |
| STATE TOTAL | 2 | 48,400 | |
| NEW YORK BUFFALO STATE UNIVERSITY OF NEW YORK AT BUFFALO 1F32 DE05608-01 | DENTINO, ANDREW R | ORAL BIOLOGY | 32,500 |
| INSTITUTION TOTAL | 1 | 32,500 | |
| CITY TOTAL | 1 | 32,500 | |
| ITHACA CORNELL UNIVERSITY ITHACA 1F32 DE05611-01 | SYDNEY-ZAX, MARCIA | CELL BIOLOGY | 33,800 |
| INSTITUTION TOTAL | 1 | 33,800 | |
| CITY TOTAL | 1 | 33,800 | |
| NEW HYDE PARK LONG ISLAND JEWISH MEDICAL CENTER 1F05 TW04509-01 | TARASIUK, ARIEL | PHYSIOLOGY | 26,550 |
| INSTITUTION TOTAL | 1 | 26,550 | |
| CITY TOTAL | 1 | 26,550 | |
| NEW YORK CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE 1F06 TW01681-01 | DOTTIN, ROBERT P | MOLECULAR BIOLOGY | 14,942 |

NIH
RESEARCH FELLOWSHIP AWARDS

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|---|--|--|
| INSTITUTION TOTAL | 1 | 14,942 | |
| NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1F05 TW04537-01 | DINCA, LUMINITA-PETRUT | IMMUNOLOGY | 29,500 |
| INSTITUTION TOTAL | 1 | 29,500 | |
| CORNELL UNIVERSITY MEDICAL CENTER 1F05 TW04552-01 1F32 NS09100-01 | BEN YEHUDA, ARIE VAN BOCKSTAEL, ELISABETH J | AGING PROCESS ENDOCRINOLOGY | 28,000 21,600 |
| INSTITUTION TOTAL | 2 | 49,600 | |
| MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 1F32 GM14207-01 1F32 DK08662-01 | DRESSLER, KENNETH A SPIELHOLZ, CHARLES | PHARMACOLOGY MOLECULAR BIOLOGY | 33,800 29,900 |
| INSTITUTION TOTAL | 2 | 63,700 | |
| NEW YORK UNIVERSITY 1F32 EY06371-01 | O'KEEFE, LAWRENCE P | PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY | 21,600 |
| INSTITUTION TOTAL | 1 | 21,600 | |
| ROCKEFELLER UNIVERSITY 1F33 NS09081-01 1F05 TW04499-01 1F32 GM14429-01 | HALPERN, MIMI MAGARINOS, ANA M TJADEN, GABRIELLE | DEVELOPMENTAL BIOLOGY ENDOCRINOLOGY MOLECULAR BIOLOGY | 35,300 27,600 22,700 |
| INSTITUTION TOTAL | 3 | 85,600 | |
| YESHIVA UNIVERSITY 1F05 TW06525-01 1F32 CA09137-01 1F31 GM14403-01 1F05 TW06612-01 1F32 DK08640-01 | FEJER, GYORGY RABINOWITZ, JENNIFER L RI, YI C SKUNDRIC, DUSANKA S YERNENI, PURNACHANDRA R | VIROLOGY IMMUNOLOGY MICROBIOLOGY IMMUNOLOGY GENETICS | 29,200 28,600 31,358 29,000 35,300 |
| INSTITUTION TOTAL | 5 | 153,458 | |
| CITY TOTAL | 15 | 418,400 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|--|---|--|
| NEW YORK ROCHESTER UNIVERSITY OF ROCHESTER 1F32 HL08523-01 1F32 HL08506-01 | FREEMAN, LISA C KIANI, MOHAMMAD F | PHYSIOLOGY PHYSIOLOGY | 32,500 22,700 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 55,200 55,200 | |
| STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1F05 TW04568-01 1F32 NS09021-01 | MONTI, DANIEL MOSS, BRENDA L | PHARMACOLOGY MOLECULAR BIOLOGY | 26,850 21,600 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 48,450 48,450 | |
| STATE TOTAL | 22 | 614,900 | |
| NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1F31 NR06700-01 1F32 HL08510-01 1F31 NR06699-01 1F31 NR06673-01 | HUDSON, DIANE C LARSON, PETER J LEE, DEBORAH A MCCONNELL, ELEANOR S | NURSING PATHOLOGY NURSING NURSING | 12,800 35,300 12,800 12,800 |
| INSTITUTION TOTAL CITY TOTAL | 4 | 73,700 73,700 | |
| STATE TOTAL | 4 | 73,700 | |
| OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1F32 DK08612-01 1F32 GM14557-01 1F32 GM14630-01 1F32 DK08637-01 | CLAY, COLIN M HOLDENER, BERNADETTE C THREADGILL, DAVID W WOLFE, MICHAEL W | ENDOCRINOLOGY GENETICS DEVELOPMENTAL BIOLOGY ENDOCRINOLOGY | 29,900 28,600 / 28,600 22,700 |
| INSTITUTION TOTAL | 4 | 109,800 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|---|--|--------------------------------------|
| OHIO | | | |
| CLEVELAND CLINIC FOUNDATION 1F32 NS09056-01 | PEREZ, DIANNE M | MOLECULAR BIOLOGY | 29,900 |
| INSTITUTION TOTAL | 1 | 29,900 | |
| CITY TOTAL | 5 | 139,700 | |
| STATE TOTAL | 5 | 139,700 | |
| OKLAHOMA | | | |
| OKLAHOMA CITY OKLAHOMA MEDICAL RESEARCH FOUNDATION 1F32 HL08545-01 | BOTTLES, KURT D | MOLECULAR BIOLOGY | 31,200 |
| INSTITUTION TOTAL | 1 | 31,200 | |
| UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER 1F05 TW04498-01 1F32 HL08515-01 | BOOTH, MARY C GRABAU, GUY M | MICROBIOLOGY CELL BIOLOGY | 26,300 32,500 |
| INSTITUTION TOTAL | 2 | 58,800 | |
| CITY TOTAL | 3 | 90,000 | |
| STATE TOTAL | 3 | 90,000 | |
| OREGON | | | |
| EUGENE OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1F32 NS09031-01A1 1F06 TW01671-01 | HENION, PAUL D WESTON, JAMES A | NEUROBIOLOGY BIOLOGY | 21,600 14,669 |
| INSTITUTION TOTAL | 2 | 36,269 | |
| CITY TOTAL | 2 | 36,269 | |
| PORTLAND | | | |
| OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1F32 DK08669-01 1F31 NR06687-01 1F05 TW04533-01 1F05 TW04620-01 | CHRIVIA, JOHN C MILLER, LOIS L SEUTIN, VINCENT M T UTSALO, SIMON J | ENDOCRINOLOGY NURSING NEUROBIOLOGY MICROBIOLOGY | 31,200 12,800 30,200 30,200 |
| INSTITUTION TOTAL | 4 | 104,400 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|---------------------|-------------------|-----------------|
| OREGON PORTLAND SISTERS OF PROVIDENCE--PROVIDENCE MEDICAL CENTER 1F05 TW04553-01 | MISHRA, SANTOSH K | PHARMACOLOGY | 28,200 |
| INSTITUTION TOTAL | 1 | 28,200 | |
| CITY TOTAL | 5 | 132,600 | |
| STATE TOTAL | 7 | 168,869 | |
| PENNSYLVANIA | | | |
| DANVILLE GEISINGER FOUNDATION--WEIS CENTER FOR RESEARCH OF THE GEISINGER CLINIC 1F32 HL08477-01 | BOOZ, GEORGE W | PHARMACOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | |
| CITY TOTAL | 1 | 22,700 | |
| PHILADELPHIA | | | |
| TEMPLE UNIVERSITY 1F32 HL08495-01 | SHEETH, SUNITA B | MOLECULAR BIOLOGY | 32,500 |
| INSTITUTION TOTAL | 1 | 32,500 | |
| THOMAS JEFFERSON UNIVERSITY 1F32 HL08507-01 | WEYRICH, ANDREW S | PHYSIOLOGY | 21,600 |
| INSTITUTION TOTAL | 1 | 21,600 | |
| UNIVERSITY OF PENNSYLVANIA | | | |
| 1F32 GM14180-01 | COWEN, BENJAMIN R | BIOPHYSICS | 22,700 |
| 1F32 DK08649-01 | DIAMOND, ROBERT H | MOLECULAR BIOLOGY | 13,790 |
| 1F31 NR06634-01 | PATTERSON, JOANNE E | NURSING | 12,800 |
| 1F32 DK08607-01 | SMOYER, WILLIAM E | IMMUNOLOGY | 32,500 |
| 1F32 DK08578-01 | WEISS, ROBERTA A | IMMUNOLOGY | 32,500 |
| INSTITUTION TOTAL | 5 | 114,290 | |
| CITY TOTAL | 7 | 168,390 | |
| PITTSBURGH | | | |
| UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1F32 NS09076-01 | HASTINGS, TERESA G | TOXICOLOGY | 28,600 |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|---|--|---|----------------------------|
| PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1F32 HL08536-01 1F05 TW06590-01 1F05 TW04527-01 | MARKOVITZ, JEROME H PERRIELLO, GABRIELE PRICOP, LUMINITA T | PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY ENDOCRINOLOGY IMMUNOLOGY | 33,800 30,000 31,000 |
| INSTITUTION TOTAL CITY TOTAL | 4 | 123,400 123,400 | |
| UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK 1F32 DK08629-01 | WADDLE, JENNY J | ENDOCRINOLOGY | 22,700 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 22,700 22,700 | |
| STATE TOTAL | 13 | 337,190 | |
| SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA 1F32 EY06362-01 | CHAPMAN, JAMES M | BIOCHEMISTRY | 22,700 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 22,700 22,700 | |
| COLUMBIA UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA 1F32 HL08541-01 | SIMPSON, DAVID G | DEVELOPMENTAL BIOLOGY | 21,600 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 21,600 21,600 | |
| STATE TOTAL | 2 | 44,300 | |
| TENNESSEE NASHVILLE VANDERBILT UNIVERSITY 1F32 AR08193-01 | NATH, SATI | BIOCHEMISTRY | 22,700 22,700 |
| INSTITUTION TOTAL CITY TOTAL | 1 | 22,700 22,700 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

DOLLARS
AWARDED

FIELD OF INTEREST

APPLICATION NUMBER

FELLOW

STATE TOTAL

1

22,700

TEXAS
ARLINGTON
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT ARLINGTON
1F32 HL08526-01 BURLESON, MARK L

21,600

INSTITUTION TOTAL
CITY TOTAL

1

21,600

HOUSTON
BAYLOR COLLEGE OF MEDICINE
1F05 TW04500-01 REINER, ORLY

24,000

INSTITUTION TOTAL
CITY TOTAL

1

24,000

MOLECULAR BIOLOGY

SAN ANTONIO
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO
1F05 TW04532-01 MENENDEZ-PELAEZ, ARMANDO

29,300

INSTITUTION TOTAL
CITY TOTAL
STATE TOTAL

1

29,300

3

74,900

ENDOCRINOLOGY

VERMONT
BURLINGTON
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
1F06 TW01694-01 MAUGHAN, DAVID W
1F32 DK08648-01 ROSHOLT, MARY N

33,880

22,700

INSTITUTION TOTAL
CITY TOTAL
STATE TOTAL

2

56,580

2

56,580

56,580

VIRGINIA
CHARLOTTESVILLE
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE
1F32 HL08480-01 ANDERSON, KAREN M

PHARMACOLOGY

22,700

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|--------|---|--------------------------------------|
| VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1F05 TW04562-01 ARANKOWSKY-SANDOVAL, GLORIA 1F32 DK08645-01 EARNHARDT, RICHARD C 1F05 TW04547-01 O'CONNELL, DAMIAN P | | AGING PROCESS PHYSIOLOGY ENDOCRINOLOGY | 24,800 28,600 28,000 |
| INSTITUTION TOTAL CITY TOTAL | 4 | 104,100 104,100 | |
| RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY 1F32 HL08488-01 COHEN, NERI M 1F32 HL08491-01 STERNBERGH, CHARLES W III | | PHYSIOLOGY PHYSIOLOGY | 29,900 29,900 |
| INSTITUTION TOTAL CITY TOTAL | 2 | 59,800 59,800 | |
| STATE TOTAL | 6 | 163,900 | |
| WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON 1F32 NS09060-01 BLACK, MARGARET E 1F05 TW04607-01 HU, PEI 1F32 NS09090-01 JANAS, JANICE D 1F31 NR06695-01 LAWTHON, GRETCHEN A | | PHARMACOLOGY PHARMACOLOGY NEUROBIOLOGY NURSING | 21,600 26,400 29,900 12,800 |
| INSTITUTION TOTAL CITY TOTAL | 4 | 90,700 90,700 | |
| STATE TOTAL | 4 | 90,700 | |
| WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1F32 GM14441-01 PANGANIBAN, GRACE E 1F32 GM14612-01 PHILLIPS, PATRICK C 1F05 TW04609-01 VIKINGSSON, ARNOR | | DEVELOPMENTAL BIOLOGY GENETICS IMMUNOLOGY | 21,600 21,600 28,000 |
| INSTITUTION TOTAL CITY TOTAL | 3 | 71,200 71,200 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|----------------------|-------------------|-----------------|
| WISCONSIN MILWAUKEE BLOOD CENTER OF SOUTHEASTERN WISCONSIN 1F32 AI08425-01A1 | NEWTON-NASH, DEBRA K | IMMUNOLOGY | 22,700 |
| INSTITUTION TOTAL | 1 | 22,700 | |
| UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE 1F31 NR06601-01A1 | BURKE, LAURA J | NURSING | 12,800 |
| INSTITUTION TOTAL | 1 | 12,800 | |
| CITY TOTAL | 2 | 35,500 | |
| STATE TOTAL | 5 | 106,700 | |
| FRANCE STRASBOURG NATIONAL CENTER FOR SCIENTIFIC RESEARCH--LABORATORY DE GENETIQUE MOLECULAIRE DES EUCHAROTES 1F32 AI08339-01 | BOGUE, MOLLY A | IMMUNOLOGY | 19,421 |
| INSTITUTION TOTAL | 1 | 19,421 | |
| CITY TOTAL | 1 | 19,421 | |
| STATE TOTAL | 1 | 19,421 | |
| GERMANY FED R HEIDELBERG EUROPEAN MOLECULAR BIOLOGY ORGANIZATION 1F32 CA09103-01 | RICE, GRETCHEN A | MOLECULAR BIOLOGY | 6,200 |
| INSTITUTION TOTAL | 1 | 6,200 | |
| CITY TOTAL | 1 | 6,200 | |
| STATE TOTAL | 1 | 6,200 | |
| ISRAEL REHOVOT WEIZMANN INSTITUTE OF SCIENCE 1F15 TW00344-01 | DUDAI, YADIN | NEUROBIOLOGY | 27,000 |
| INSTITUTION TOTAL | 1 | 27,000 | |
| CITY TOTAL | 1 | 27,000 | |
| STATE TOTAL | 1 | 27,000 | |

**NIH
RESEARCH FELLOWSHIP AWARDS**

| APPLICATION NUMBER | FELLOW | FIELD OF INTEREST | DOLLARS AWARDED |
|--|----------------------|-----------------------|-----------------|
| UNITED KINGDOM NORWICH JOHN INNES INSTITUTE 1F32 GM13787-01A1 | BROWN, GARY L | DEVELOPMENTAL BIOLOGY | 19,700 |
| INSTITUTION TOTAL | 1 | | 19,700 |
| CITY TOTAL | 1 | | 19,700 |
| OXFORD UNIVERSITY OF OXFORD 1F32 AI08481-01 | MONTGOMERY, ROBERT A | IMMUNOLOGY | 28,200 |
| INSTITUTION TOTAL | 1 | | 28,200 |
| CITY TOTAL | 1 | | 28,200 |
| STATE TOTAL | 2 | | 47,900 |
| TOTAL | 218 | | 5,600,066 |

| NIH RESEARCH CAREER PROGRAM AWARDS | | |
|--|---------|----------------------------|
| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH |
| | | DOLLARS AWARDED |
| ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1K11 HL02568-01 CALHOUN, DAVID A | | 60,713 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 60,713 60,713 |
| STATE TOTAL | 1 | 60,713 |
| ARIZONA TUCSON UNIVERSITY OF ARIZONA 1K07 HL02605-01 CAMILLI, ANTHONY E | | 70,792 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 70,792 70,792 |
| STATE TOTAL | 1 | 70,792 |
| CALIFORNIA IRVINE UNIVERSITY OF CALIFORNIA AT IRVINE 1K08 DC00051-01 HASHISAKI, GEORGE T | | 77,143 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 77,143 77,143 |
| LOS ANGELES CEDARS-SINAI MEDICAL CENTER 1K08 DK02023-01 PRAGER, DIANE | | 86,994 |
| INSTITUTION TOTAL | 1 | 86,994 |
| UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1K04 CA01588-01 MARTINEZ-MAZA, OTONIEL | | 63,720 |
| INSTITUTION TOTAL CITY TOTAL | 1 2 | 63,720 150,714 |
| SAN DIEGO UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1K08 HL02712-01 MILLER-HANCE, WANDA C | | 70,196 |
| COMMITMENT FACTORS IN DEVELOPMENTAL CARDIOGENESIS | | |

| NIH CAREER PROGRAM AWARDS | | PRINCIPAL AREA OF RESEARCH | DOLLARS AWARDED |
|---|---|--|-----------------------------|
| GRANT NUMBER | AWARDEE | | |
| INSTITUTION TOTAL | 1 | 70,196 | |
| CITY TOTAL | | 70,196 | |
| CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1K07 ES00219-01 1K11 DK02043-01 1K11 CA01614-01 | BALMES, JOHN R GIVENS, CAROLYN R SKACH, WILLIAM R | ACADEMIC AWARD IN ENVIRONMENTAL & OCCUPATIONAL MEDICINE REGULATION OF STEROIDOGENESIS BIOGENESIS AND FUNCTIONAL RECONSTITUTION OF HUMAN MDR1 | 113,950 74,943 74,250 |
| INSTITUTION TOTAL | 3 | 263,143 | |
| CITY TOTAL | 3 | 263,143 | |
| STANFORD STANFORD UNIVERSITY 1K11 HD00929-01 | NELSON, STANLEY F | LOCALIZATION OF THE WILMS TUMOR SUSCEPTIBILITY GENE(S) | 80,406 |
| INSTITUTION TOTAL | 1 | 80,406 | |
| CITY TOTAL | 1 | 80,406 | |
| STATE TOTAL | 8 | 641,602 | |
| COLORADO DENVER NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE 1K07 ES00214-01 | KREISS, KATHLEEN | ENVIRONMENTAL/OCCUPATIONAL MEDICINE ACADEMIC AWARD NIEHS | 104,977 |
| INSTITUTION TOTAL | 1 | 104,977 | |
| CITY TOTAL | 1 | 104,977 | |
| STATE TOTAL | 1 | 104,977 | |
| CONNECTICUT NEW HAVEN YALE UNIVERSITY 1K08 DK02054-01 1K07 ES00227-01 1K08 CA01339-01A2 | CALLE, ROBERTO A CULLEN, MARK R WARREN, STEPHEN L | TIME-DEPENDENT POTENTIATION OF INSULIN SECRETION ACADEMIC AWARD IN ENVIRONMENTAL/OCCUPATIONAL MEDICINE REGULATION OF EPITHELIAL MORPHOGENESIS BY PP60C-SRC | 92,610 153,794 82,443 |
| INSTITUTION TOTAL | 3 | 328,847 | |
| CITY TOTAL | 3 | 328,847 | |

| NIH RESEARCH CAREER PROGRAM AWARDS | | | DOLLARS AWARDED |
|--|---------------------|--|-----------------|
| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | |
| STATE TOTAL | 3 | 328,847 | |
| DIST OF COL WASHINGTON AMERICAN NATIONAL RED CROSS 1K11 HL02646-01 | ZIMRIN, ANN B | THE BIOLOGY OF ENDOTHELIAL CELL DIFFERENTIATION | 60,416 |
| INSTITUTION TOTAL | 1 | | |
| GEORGE WASHINGTON UNIVERSITY 1K07 ES00204-01 | SOKAS, ROSEMARY K | ENVIRONMENTAL/OCCUPATIONAL MEDICINE ACADEMIC AWARD | 129,948 |
| INSTITUTION TOTAL | 1 | | |
| HOWARD UNIVERSITY 1K07 HL02607-01 | THOMAS, ALVIN V, JR | PREVENTIVE PULMONARY MEDICINE | 100,980 |
| INSTITUTION TOTAL | 1 | | |
| CITY TOTAL | 3 | 291,344 | |
| STATE TOTAL | 3 | 291,344 | |
| FLORIDA | | | |
| GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1K08 DK02007-01 | EAKER, ERVIN Y | CYTOSKELETAL PROTEINS IN ENTERIC NEURONS | 88,538 |
| INSTITUTION TOTAL | 1 | 88,538 | |
| CITY TOTAL | 1 | 88,538 | |
| TAMPA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA 1K08 DK01980-01A1 | JORGENSEN, E VERENA | CHOLINERGIC REGULATION OF GROWTH HORMONE SECRETION | 80,065 |
| INSTITUTION TOTAL | 1 | 80,065 | |
| CITY TOTAL | 1 | 80,065 | |
| STATE TOTAL | 2 | 168,603 | |
| ILLINOIS CARBONDALE SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE 1K08 NS01503-01 | EVANS, MILES S | AMINO ACID NEUROTRANSMISSION IN THE EPILEPSY PRONE | 73,186 |

**NIH
RESEARCH CAREER PROGRAM AWARDS**

**DOllARS
AWARDED**

PRINCIPAL AREA OF RESEARCH

| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | DOllARS AWARDED |
|---|---------|--|-----------------|
| INSTITUTION TOTAL | 1 | 73,186 | |
| CITY TOTAL | 1 | 73,186 | |
| ILLINOIS | | | |
| CHICAGO | | | |
| UNIVERSITY OF ILLINOIS AT CHICAGO | | | |
| 1K08 DK02013-01 HECT, GAIL A | | REGULATION OF INTESTINAL EPITHELIAL PARACELLULAR FLOW | 66,434 |
| INSTITUTION TOTAL | 1 | 66,434 | |
| CITY TOTAL | 1 | 66,434 | |
| STATE TOTAL | 2 | 139,620 | |
| INDIANA | | | |
| INDIANAPOLIS | | | |
| INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS | | | |
| 1K04 DK02042-01 PESCOVITZ, ORA H | | CHARACTERIZING GHRH-LIKE SUBSTANCE IN TESTIS & PLACENTA | 72,279 |
| INSTITUTION TOTAL | 1 | 72,279 | |
| CITY TOTAL | 1 | 72,279 | |
| STATE TOTAL | 1 | 72,279 | |
| MARYLAND | | | |
| BALTIMORE | | | |
| JOHNS HOPKINS UNIVERSITY | | | |
| 1K04 GM00581-01 BUCHMAN, TIMOTHY G | | LIVER GENE EXPRESSION IN MULTIPLE ORGAN SYSTEM FAILURE | 68,040 |
| INSTITUTION TOTAL | 1 | 68,040 | |
| UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL | | | |
| 1K07 ES00209-01 KEOGH, JAMES P | | ENVIRONMENTAL/OCCUPATIONAL MEDICINE ACADEMIC AWARD NIEHS | 136,512 |
| INSTITUTION TOTAL | 1 | 136,512 | |
| CITY TOTAL | 2 | 204,552 | |
| STATE TOTAL | 2 | 204,552 | |
| MASSACHUSETTS | | | |
| BOSTON | | | |
| BRIGHAM AND WOMEN'S HOSPITAL | | | |
| 1K08 HL02587-01 GILBERT, GARY E | | COORDINATE FUNCTION OF ENZYME COMPLEXES IN HEMOSTASIS | 79,920 |

**NIH
RESEARCH CAREER PROGRAM AWARDS**

| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | DOLLARS AWARDED |
|---|-----------------------|--|-----------------|
| MASSACHUSETTS | | | |
| BOSTON | | | |
| BRIGHAM AND WOMEN'S HOSPITAL | RABBANI, LEROY E | LIPIDS, MITOGENS, AND ENDOTHELIAL FIBRINOLYSIS | 88,214 |
| 1K11 HL 02578-01 | REILLY, JOHN J | ELASTASES OF HUMAN ALVEOLAR MACROPHAGES | 78,300 |
| 1K08 HL 02554-01 | STAMMLER, JONATHAN S | EDRF, NITROSTHIOLS, AND PLATELET FUNCTION | 79,920 |
| INSTITUTION TOTAL | 4 | 326,354 | |
| CILDREN'S HOSPITAL | WAGSTAFF, JOSEPH | ANALYSIS OF AN IMPRINTED REGION OF HUMAN CHROMOSOME 15 | 77,220 |
| 1K08 HD00966-01 | | | |
| INSTITUTION TOTAL | 1 | 77,220 | |
| DANA-FARBER CANCER INSTITUTE | MASHAL, ROBERT D | DETECTION OF MINIMAL RESIDUAL DISEASE IN HUMAN CANCER | 73,168 |
| 1K11 CA01556-01 | PORCELLI, STEVEN A | IMMUNE RECOGNITION BY CD4-8-T LYMPHOCYTES | 75,812 |
| INSTITUTION TOTAL | 2 | 148,980 | |
| HARVARD UNIVERSITY | CHALMERS, THOMAS C | META-ANALYSIS IN BIOMEDICAL APPLICATIONS | 32,426 |
| 1K10 LM00092-01 | GURWITZ, JERRY H | DRUG INDUCED ILLNESS IN THE ELDERLY: NSAIDS AS A MODEL | 72,930 |
| 1K08 AG00510-01 | LEVKOFF, SUE E | EXCESS DISABILITY IN COGNITIVELY IMPAIRED AGED | 87,071 |
| 1K01 AG00508-01 | NAVIA, BRADFORD A | CLONING THE X-LINKED RETINITIS PIGMENTOSA GENES | 77,366 |
| INSTITUTION TOTAL | 4 | 269,793 | |
| MASSACHUSETTS GENERAL HOSPITAL | LAMURAGLIA, GLENN M | CHARACTERIZATION OF VASCULAR RESPONSE TO LASER INJURY | 77,366 |
| 1K08 HL 02583-01 | RUSTGI, ANIL K | MYC-ONCOGENES IN NEUROBLASTOMA AND COLON CANCER | 77,366 |
| INSTITUTION TOTAL | 2 | 154,732 | |
| NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. | ROTH, DAVID A | KRINGLE DOMAINS IN BLOOD COAGULATION PROTEINS | 75,060 |
| 1K11 HL 02574-01 | SLAPAK, CHRISTOPHER A | ANTHRACYCLINE EFFLUX IN MULTIRESTANT LEUKEMIA CELLS | 75,060 |
| INSTITUTION TOTAL | 2 | 150,120 | |
| CITY TOTAL | 15 | 127,199 | |
| WORCESTER UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER | MARGOLIS, DAVID M | MOLECULAR MECHANISM OF HIV TAT FUNCTION | 89,504 |
| 1K11 AI01027-01 | | | |
| INSTITUTION TOTAL | 1 | 89,504 | |

**NIH
RESEARCH CAREER PROGRAM AWARDS**

| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | DOLLARS AWARDED |
|--|---------------------|--|-----------------|
| CITY TOTAL | 1 | 89,504 | |
| STATE TOTAL | 16 | 216,703 | |
| MICHIGAN | | | |
| ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1K08 CA01599-01 | CASTLE, VALERIE P | ROLE OF THROMBOSPONDIN IN TUMOR CELL BIOLOGY | 66,693 |
| INSTITUTION TOTAL | 1 | 66,693 | |
| CITY TOTAL | 1 | 66,693 | |
| STATE TOTAL | 1 | 66,693 | |
| MISSOURI | | | |
| COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA 1K11 HD00947-01 | SNYDER, SCOTT W | PREMATURE LABOR, ENDOTOXEMIA AND CYTOKINE MECHANISMS | 78,300 |
| INSTITUTION TOTAL | 1 | 78,300 | |
| CITY TOTAL | 1 | 78,300 | |
| STATE TOTAL | 1 | 78,300 | |
| NEW YORK | | | |
| NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1K07 ES00216-01 | BAKER, DEAN B | ENVIRONMENTAL/OCCUPATIONAL MEDICINE ACADEMIC AWARD, NIEH | 110,640 |
| INSTITUTION TOTAL | 1 | 110,640 | |
| COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK | | | |
| 1K08 HL02547-01 | FLAMM, MICHAEL | REGULATION OF HUMAN GLOBIN GENE EXPRESSION | 79,380 |
| 1K08 HL02641-01 | GREENBERG, STEVEN M | PHAGOCYTOSIS IN PULMONARY ALVEOLAR MACROPHAGES | 79,380 |
| INSTITUTION TOTAL | 2 | 158,760 | |
| ROCKEFELLER UNIVERSITY | | | |
| 1K08 DK01983-01A1 | ROSENBAUM, MICHAEL | ONTOGENY AND MAINTENANCE OF REGIONAL FAT DISTRIBUTION | 65,542 |
| INSTITUTION TOTAL | 1 | 65,542 | |

NIH
RESEARCH CAREER PROGRAM AWARDS

| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | DOLLARS AWARDED |
|--|--|--|-------------------|
| NEW YORK NEW YORK STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1K11 DK02040-01 | BASTIAN-ECHEVARRIA, WILLIAM INSTITUTION TOTAL 1 | MUTANT INSULIN RECEPTORS AND INSULIN ACTION 73,456 | 73,456 |
| YESHIVA UNIVERSITY 1K08 HL02584-01 | DEPALO, LOUIS R | CELL-CELL INTERACTIONS REGULATE AIRWAY SMOOTH MUSCLE | 79,920 |
| INSTITUTION TOTAL 1 CITY TOTAL 6 | | | 79,920 488,318 |
| ROCHESTER UNIVERSITY OF ROCHESTER 1K07 ES00220-01 | UTELL, MARK J | ACADEMIC AWARD IN ENVIRONMENTAL/OCCUPATIONAL MEDICINE | 96,376 |
| INSTITUTION TOTAL 1 CITY TOTAL 1 | | | 96,376 96,376 |
| STATE TOTAL 7 | | | 584,694 |
| NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1K11 DK02024-01 | JONES, JOHN I, III | IGF BINDING PROTEIN PHOSPHORYLATION & MATRIX ASSOCIATION | 92,020 |
| INSTITUTION TOTAL 1 CITY TOTAL 1 | | | 92,020 92,020 |
| DURHAM DUKE UNIVERSITY 1K11 HL02643-01 | DECASTRO, CARLOS M | ROLE OF C-KIT IN EARLY HEMATOPOIESIS | 70,238 |
| INSTITUTION TOTAL 1 CITY TOTAL 1 | | | 70,238 70,238 |
| WINSTON-SALEM WAKE FOREST UNIVERSITY 1K07 HL02479-01A1 | HAPONIK, EDWARD F | PREVENTIVE PULMONARY ACADEMIC AWARD | 85,590 |
| INSTITUTION TOTAL 1 CITY TOTAL 1 | | | 85,590 85,590 |

| GRANT NUMBER | AWARDEE | NIH RESEARCH CAREER PROGRAM AWARDS | | DOLLARS AWARDED |
|--|---|---------------------------------------|---|--------------------------------------|
| | | STATE TOTAL | PRINCIPAL AREA OF RESEARCH | |
| OHIO COLUMBUS OHIO STATE UNIVERSITY 1K04 DK01989-01A1 | BROOKS, CHARLES L | | PHOSPHORYLATED BOVINE PROLACTIN AND GROWTH HORMONE | 64,426 |
| INSTITUTION TOTAL CITY TOTAL | 1 1 | 64,426 64,426 | IMPACT OF GENETIC COUNSELING FOR BREAST CANCER PREVENTIVE ONCOLOGY ACADEMIC AWARD | 91,800 88,571 |
| STATE TOTAL | 1 | 64,426 | | |
| PENNSYLVANIA PHILADELPHIA FOX CHASE CANCER CENTER 1K07 CA01604-01 1K07 CA01591-01 | LERMAN, CARYN E MC GLYNN, KATHERINE A | | | |
| INSTITUTION TOTAL | 2 | 180,371 | | |
| UNIVERSITY OF PENNSYLVANIA 1K04 NS01537-01 1K08 HL02647-01 1K08 NS01451-01A1 1K08 HL02621-01 | MC DONNELL, SUE M PANETIERI, REYNOLD A SHEIDMAN, PAUL S SIEGEL, DONALD L | | PHARMACOLOGICAL MANIPULATION CELLULAR MECHANISMS REGULATING AIRWAY MUSCLE GROWTH REGULATION OF NEUROFILAMENT GENE EXPRESSION BIOLOGY OF HUMAN WARM AUTOIMMUNE HEMOLYTIC ANEMIA | 63,180 81,032 80,946 80,946 |
| INSTITUTION TOTAL | 4 | 306,104 | | |
| WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1K08 NS01551-01 | PRESS, RICHARD D | | STRUCTURE AND FUNCTION OF MYB ONCOGENE IN NEURONAL CELLS | 79,650 |
| INSTITUTION TOTAL CITY TOTAL | 1 7 | 79,650 566,125 | | |
| PITTSBURGH EYE AND EAR INSTITUTE OF PITTSBURGH 1K01 AG00463-01 | REDFERN, MARK S | | POSTURAL CONTROL IN THE ELDERLY | 76,327 |
| INSTITUTION TOTAL | 1 | 76,327 | | |
| UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1K08 DC00054-01 | SMALL, STEVEN L | | CONNECTIONIST MODELS IN COGNITIVE NEUROLINGUISTICS | 67,824 |
| INSTITUTION TOTAL | 1 | 67,824 | | |

| NIH RESEARCH CAREER PROGRAM AWARDS | | | DOLLARS AWARDED |
|---|-----------------------|--|--------------------|
| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | |
| CITY TOTAL | 2 | 144,151 | |
| STATE TOTAL | 9 | 710,276 | |
| TEXAS | | | |
| HOUSTON | | | |
| BAYLOR COLLEGE OF MEDICINE | | | |
| 1K08 HL02595-01 | ELLIOTT, STEPHEN J | OXIDANT STRESS AND ENDOTHELIAL CELL CA2+ SIGNALING. | 76,069 |
| 1K11 HD00960-01 | MATZUK, MARTIN M | DEVELOPMENTAL & FUNCTIONAL ROLES OF ACTIVIN & INHIBIN | 55,099 |
| 1K07 HL02606-01 | SOCKRIDER, MARIANNA M | PREVENTIVE PULMONARY ACADEMIC AWARD | 98,622 |
| INSTITUTION TOTAL | 3 | 229,790 | |
| UNIVERSITY OF TEXAS | | | |
| SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON | | | |
| 1K04 HL02453-01A1 | BOERWINKLE, ERIC | EPIDEMIOLOGY OF GENOTYPE BY ENVIRONMENT INTERACTION | 67,537 |
| 1K15 DE00309-01 | DEVOLL, ROBERT E | DISTRIBUTION OF OSTEOPOINTIN IN NEOPLASTIC DISEASE | 72,868 |
| INSTITUTION TOTAL | 2 | 140,405 | |
| CITY TOTAL | 5 | 370,195 | |
| STATE TOTAL | 5 | 370,195 | |
| VERMONT | | | |
| BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE | | | |
| 1K08 HL02627-01 | GANNON, DAVID E | REGULATION OF OXIDANT PRODUCTION IN LUNG ENDOTHELIUM | 83,160 |
| INSTITUTION TOTAL | 1 | 83,160 | |
| CITY TOTAL | 1 | 83,160 | |
| STATE TOTAL | 1 | 83,160 | |
| VIRGINIA | | | |
| CHARLOTTESVILLE | | | |
| UNIVERSITY OF VIRGINIA CHARLOTTESVILLE | | | |
| 1K08 AR01881-01 | FRYBURG, DAVID A | HORMONAL REGULATION OF SKELETAL MUSCLE METABOLISM | 90,178 |
| 1K08 NS01438-01A1 | TOMASULO, RICHARD A | PLASTICITY OF INHIBITORY CIRCUITS IN THE DENTATE GYRUS | 79,920 |
| INSTITUTION TOTAL | 2 | 170,098 | |
| CITY TOTAL | 2 | 170,098 | |
| STATE TOTAL | 2 | 170,098 | |

NTH
RESEARCH CAREER PROGRAM AWARDS

| GRANT NUMBER | AWARDEE | PRINCIPAL AREA OF RESEARCH | DOLLARS AWARDED |
|--|---|--|-----------------------------|
| WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON 1K11 HD00939-01 1K08 HL02625-01 1K07 ES00237-01 | FOUSER, LAURIE S GLENNY, ROBB W ROSENSTOCK, LINDA | MATRIX PROTEINS IN METANEPHRIC DEVELOPMENT FRACIAL AND SPATIAL DISTRIBUTION OF PULMONARY BLOOD FLOW ENVIRONMENTAL/OCCUPATIONAL MEDICINE ACADEMIC AWARD, NIEH | 83,980 76,140 130,460 |
| INSTITUTION TOTAL | 3 | 290,580 | |
| CITY TOTAL | 3 | 290,580 | |
| STATE TOTAL | 3 | 290,580 | |
| TOTAL | 73 | 5,966,302 | |

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